

"A HAPPY NEW YEAR TO YOU!" FROM "THE ILLUSTRATED LONDON NEWS."

### THE CALENDAR.

PRINCIPAL ARTICLES OF THE CALENDAR FOR THE YEAR OF OUR LORD 1879.

		F-74.		10.00	Julian, or Old Calendar.	Gregorian, or New Calendar
Golden Number	•••		***		18	18
Epact		•••	•••	***	7	18
Solar Cycle	***	•••	•••	•••	12	12
Roman Indiction	•••	•••	•••	•••	7	C
Dominical Letter	•••	•••	•••	•••	E	G 00
Septuagesima Sunday	•••	•••	•••	•••	Feb. 9	Jan. 28 Feb. 14
Ash Wednesday	***	•••	•••	•••	Feb. 26	
Easter Sunday	***	•••	***	***	April 13	April 1
Ascension Day	•••	***	•••	***	May 22	May 10 May 20
Pentecost—Whit Sund	ay	• • • •	•••		June 1	
1st Sunday in Advent	•••	•••	•••	•••	Nov. 30	Dec. 2

The year 1879 is the latter part of the 5639th and the beginning of the 5640th year since the creation of the world, according to the Jews. The year 540 commences on Sept. 18, 1879, being the 16th year of the 297th cycle of 19 years.

The year 1879 answers to the 6292nd of the Julian Period, to the 2632nd from the foundation of Rome, to the 2655th year of the Olympiads, and to the year 7387-8 of the Byzantine Era.

The year 1297 of the Mohammedan Era commences on Dec. 15, 1879; and Ramadán (month of abstinence observed by the Turks) commences on Aug. 19, 1879.

#### MOHAMMEDAN CALENDAR FOR THE YEAR 1879. Year. Names of Months. Month begins. Jan. 25, 1879 1296. Saphar Rabia Feb. 23 March 25 ... Latter Rabia ... ••• ••• ... ... Gomada ... Latter Gomada April 23 May 23 ... ••• ... ... June July Aug. Sept. Oct. Nov. Dec. Rajab ... Schabân ... ... ... ••• ... Ramadân Shawal... Dulkadah 18 17 16 15 ... ... ... ••• ••• " ... Dulhagee ... ••• 1297. Mulharram ...

### CALENDAR OF THE JEWS FOR THE YEAR 1879.

5639.		1879.		NEW MOON, FASTS, FEASTS, ET
Tebet	10	January	5	Fast of Tebet
Sebat	1	A PROPERTY OF THE PARTY OF THE	25	New Moon
Adar	î	February	24	New Moon
Auar		Montaly		
"	11	March	6	Fast of Esther
,,	14	"	9	PURIM
	15	,,	10	
Nisan	1	,,	25	New Moon
	15	April	8	1
"	16	THE RESERVE THE PARTY OF THE PA	9	Passover
"	21	"	14	Eighth Day
,,		99		Passover ends
	22	,,	15	
Yiar	1	,,	24	New Moon
,,	18	May	11	33 of the Homer
Siyan	1	,,	23	New Moon
	6		28	) ~
"	7	"	29	SEBUOT
77	i	T.,,,	22	New Moon
Tamuz		June		New Moon
Ab"	17	July	8	Fast of Tamuz
Ab	1	,,	21	New Moon
	9	,,	29	Fast of Ab
Elul	1	August	20	New Moon
		22.00		
5640.				
Tisri	1	September	18	) 27 77
	2	-	19	New Year
"	4	"	21	Fast of Guedaliah
"	10	"	27	KIPUR
29		0 , ,,,		MIPUR
"	15	October	2	Feast of Tabernacle
22	16	,,	3	
"	21	,,	8	Hosana Raba
"	22	,,	9	Feast of the 8th Day
,,	23	"	10	Teast of the Sin Day
Hesvan	1		18	New Moon
Kisley	î	November	16	New Moon
	25	December	10	HANUCA
Tebet		December		
Tepet	1	99	16	New Moon
,,	10	) ,,	25	Fast of Tebet

## FIXED AND MOVABLE FESTIVALS, ANNIVERSARIES, &c.

						20011
Epiphany		Jan.	6	Birth of Queen Victoria	May	24
Septuagesima Sunday		Feb.	9	Pentecost-Whit Sunday	June	1
Quinquagesima—Shrove	S.	,,	23	Trinity Sunday	,,	8
Ash Wednesday		,,	26	Corpus Christi	,,	12
St. David		Marc	h 1	Accession of Queen Victoria	11	20
Quadragesima-1st Sun.	in L	ent ,,	2	Proclamation	"	21
St. Patrick		,,	17	St. John Baptist-Midsum-		24
Annunciation—Lady Da	y	"	25	mer Day	\$ 29	24
Palm Sunday		April	6	St. Michael — Michaelmas	lant	29
Good Friday		,,	11	Day		20
Easter Sunday		,,	13	Birth of Prince of Wales	Nov.	9
Low Sunday	•••	,,	20	1st Sunday in Advent	,,	30
St. George		,,,	23	St. Andrew	"	30
Rogation Sunday		May	18	St. Thomas	Dec.	21
Ascension Day-Holy Ti	hurs.	,,	22	CHRISTMAS DAY	,,	25

### BEGINNINGS OF THE SEASONS.

		22022.	-					D.	H.		
Sun	enters	Capricornus	and	Winter	begins.	1878,	Dec.	21	11	p.m.	
"	,,	Aries	**	Spring	22	1879,	March			mid.	
"	"	Cancer	"	Summe	r ,,	,,	June			p.m.	
"	"	Libra	"	Autum	n ,,	,,	Sept.			a.m.	
"	77	Capricornus		Winter		,,	Dec.	JE 150		a.m.	
mile	C	II someownent	1- h	in tha	Winter	giana	1 gyah pg	hor	170 .	Sprir	á

the sun will consequently be in the Winter signs 89 days 1 hour; Spring signs, 92 days 20 hours; Summer signs, 93 days 14 hours; Autumn signs,

89 days 18 hours.								
The Sun will be on the	1879	D.	H.	110		0		11
The Sun will be on the Equator and going North The Sun will reach his	March	20		mid.,	his declin. being	0	0	0
greatest North declination	June	ZI	0	р.ш.	" "	23	27	22
The Sun will be on the Equator and going South	Sept.	23	10	a.m.	" "	0	0	0
The Sun will reach his greatest South declination	Dec.			a.m.	,, ,,	23	27	22

The Sun will be North of the Equator (comprising the periods of Spring and Summer) 186 days 10 hours; and South of the Equator (comprising the periods of Autumn and Winter) 178 days 19 hours.

The length of the year is 365 days 5 hours.

## ASTRONOMICAL SYMBOLS AND ABBREVIATIONS.

d Conjunction, or having the same Longitude or Right Ascension.

☐ Quadrature, or differing 90° in Longitude or Right Ascension.

♂ Opposition, or differing 180° in Longitude or Right Ascension.

& Opposition,		in Longitude of Rig	
@ The Sun	38 Leda	88 Thisbe	138 Tolosa
New Moon	39 Lætitia	89 Julia	139 Juewa
) First Quarter	40 Harmonia	90 Antiope	140 Siwa
O Full Moon	41 Daphne	91 Ægina	141 Lumen
	42 Isis	92 Undina	142 Polana
( Last Quarter	43 Ariadne	93 Minerva	143 Adria
Q Venus	44 Nysa	94 Aurora	144 Vibilia
or & The Earth	45 Eugenia	95 Arethusa	145 Odeona
& Mars	46 Hestia	96 Ægle	146 Lucina
M Jupiter	47 Aglaia	97 Clotho	147 Protogeneia
h Saturn	48 Doris	98 Ianthe	148 Gallia
H Uranus	49 Pales	99 Dikè	149 Medusa
W Neptune	50 Virginia	100 Hecate	150 Nuwa
Compa	51 Nemausa	101 Helena	151 Abundantia
1 Ceres 2 Pallas		102 Miriam	152 Atala
	52 Europa	102 Miliam 103 Hera	153 Hilda
3 Juno	53 Calypso		154 Bertha
4 Vesta	54 Alexandra	104 Clymene	
5 Astræa	55 Pandora	105 Artemis	155 Scylla
6 Hebe	56 Melete	106 Dione	156 Xanthippe
7 Iris	57 Mnemosyne	107 Camilla	157 Dejanira
8 Flora	58 Concordia	108 Hecuba	158 Koronis
9 Metis	59 Olympia	109 Felicitas	159 Emilia
10 Hygeia	60 Echo	110 Lydia	160 Una
11 Parthenope	61 Danaë	111 Ate	161 Athor
12 Victoria	62 Erato	112 Iphigenia	162 Laurentia
13 Egeria	63 Ausonia	113 Amathea	163 Erigone
14 Irene	64 Angelina	114 Cassandra	164 Eva
15 Eunomia	65 Maximiliana	115 Thyra	165 Loreley
16 Psyche	66 Maia	116 Tirona	166 Rhodope
17 Thetis	67 Asia	117 Lomia	167 Urda
18 Melpomene	68 Leto	118 Peitho	168 Sibylla
19 Fortuna	69 Hesperia	119 Althæa	169 Zelia
20 Massilia	70 Panopea	120 Lachosis	170 Maria
21 Lutetia	71 Niobe	121 Hermione	171 Ophelia
22 Calliope	72 Feronia	122 Gerda	172 Baucis
23 Thalia	73 Clytie	123 Brunhilda	173 Ino
24 Themis	74 Galatea	124 Alcestis	174
25 Phocea	75 Eurydice	125 Liberatrix	175
26 Proserpine	76 Freia	126 Velleda	176 Idunna
	77 Frigga	127 Johanna	177 Irma
27 Euterpe	78 Diana	128 Nemesis	178 Belisana
28 Bellona	79 Eurynome	129 Antigone	179
29 Amphitrite	79 Euryhome	130 Electra	180 Garumna
30 Urania	80 Sappho	131 Vala	181 Eucharis
31 Euphrosyne	81 Terpsichore	132 Æthra	181 Eucharis
32 Pomona	82 Alemene	133 Cyrene	183
33 Polyhymnia	83 Beatrix		
34 Circe	84 Clio	134 Sophrosyne	184 Deiopeia
35 Leucothea	85 Io	135 Hertha	185 Eunike
36 Atalanta	86 Semele	136 Austria	186 Celuta
37 Fides	87 Sylvia	137 Melibœa	187, 188
The state of the s			

## LAW TERMS, 1879.

As settled by Statutes 2 Geo. IV., and I Will. IV., cap. 70, s. 6 (passed July

23, 1830); and.	r AA TI	ц. т ч .,	cap. 0, s	c (h	asseu De	C. 20, 1000).		
Hilary Term		begins		11	and end		31	
Easter Term	•••	"	April	15	"	May	9	
Trinity Term	•••	,,	May	23	"	June	13	
Michaelmas Term		,,	Novembe	r 2	"	November	25	

### UNIVERSITY TERMS, 1879.

OXFORD TERM.

BEGINS.

ENDS.

Lent Easter Trinity Michaelmas		January 14 April 16 May 31 October 10 The Act, Ju	April 5 May 30 July 5 December 17
CAMBRIDGE TERM.	BEGINS.	DIVIDES.	ENDS.
Lent Easter Michaelmas	January 13 April 18 October 1	Feb. 22, Midnight. May 19, Midnight. Nov. 8, Noon.	April 4 June 20 Dec. 16

The Commencement, June 17.



JANUARY: —— SKATING.



FEBRUARY: --- VALENTINE'S DAY.

LEIGHTON, BROS.



LOST. BY MISS OSBORN.—FROM "THE ILLUSTRATED LONDON NEWS."

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PRIVY COUNCIL OFFICE,
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Cross.

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DOWNING-STREET.

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son, C.B.

Legal Secretary—C. M. Clode.

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PAYMASTER-GENERAL'S

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Accountant-General-R. G. C. Hamil-

ton. ton.
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Warden of Standards Department— H. W. Chisholm.

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G. A. Cavendish Dentinex.

Deputy—J. C. O'Dowd.

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HOUSE OF LORDS.

The Lord Chancellor, Lords Chelmsford, Hatherly, Selborne, Penzance,
O'Hagan, Coleridge. Blackburn.

and Gordon. SUPREME COURT OF JUDICA-TURE.—COURT OF APPEAL. The Lord Chancellor, the Lord Chief Justice of England, Master of the Rolls, Chief Justice of the Common Pleas, Chief Baron of the Exchequer, Sirs W. M. James, J. W. Colville, B. Peacock, M. Smth, R. Collier, G. W. Bramwell, R. Baggallay, B. Brett, H. Cotton, and A. B. Thesiger.

HIGH COURT OF JUSTICE.

HIGH COURT OF JUSTICE.

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Master of the Rolls—Sir G. Jessel.

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James Bacon, Charles Hall.

Judge—Sir E. Fry.

Lord Chancellor's Officers.

Chief Secretary—H. J. L. Graham.

Secretary of Presentations—Hon. E. P.

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Secretary of Commissions of Peace-Edward Ross.

Registrar in Lunacy-C. N. Wilde.

Aegistrar in Lunacy—C. N. While.
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J. E. Cockburn, Bart.
Judges—Sirs R. Lush, J. Mellor, W.
L. Field, Henry Manisty.
Associate to Lord Chief Justice—Hon.
H. E. Campbell.

COMMON PLEAS DIVISION.

Lord Chief Justice—Lord Coleridge.

Judges—Sirs W. R. Grove, Hon. G.

Denman, N. Lindley, H. C. Lopes.

Asso. to Lord Chief Just.—T.W. Erle.

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Barons—Sirs A. Cleasby, C. E. Pollock,
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President—R., Hon. Sir R. J. Phillimore.
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Strong, and David H. Owen.

COURT OF ARCHES.

3, GODLIMAN-STREET.
Judge—Lord Penzance.
Registrar—J. Shephard.
Deputy Registrar—C. Waddilove.
Secretary to Judge—J. Hansard.

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Judge—Thomas H. Tristram, D.C.L. Registrars-J. H. Lee

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Registrars—Messrs. Moore and Curry.

BANKRUPTCY COURT,

LINCOLN'S-INN & BASINGHALL-STREET. Chief Judge—Sir James Bacon.
Chief Judge—Sir James Bacon.
Chief Registrar—Wm. Hazlitt.
Registrars—J. R. Brougham, C. H.
Keene, W. P. Murray, P. H.
Pepys, Hon. J. C. Spring Rice.

### PUBLIC ACTS OF PARLIAMENT PASSED IN 1878.

IN THE 41st AND 42nd YEARS OF HER MAJESTY'S REIGN.

\*\* The figure before each Act denotes the chapter.

1. An Act to apply the sum of £6,000,000 out of the Consolidated Fund to the service of the year ending March 31, 1878.

2. An Act to raise the sum of £6,000,000 by Exchequer Bonds, Exchequer Bills, or Treasury Bills.

3. An Act to relieve certain occupiers of dwelling-houses from being disqualified from the right of voting in the election of members to serve in Parliament by reason of their underletting such dwelling-houses for short

4. An Act to extend the hours of polling at Parliamentary elections in the

5. An Act to relieve certain occupiers of dwe'ling-houses in Scotland from being disqualified from the right of voting in the election of members to serve in Parliament by reason of their underletting such dwelling-houses for short terms.

6. An Act to amend the Glebe Loans (Ireland) Amendment Act, 1875.
7. An Act to raise the sum of £1,000,000 by Exchequer Bonds for the service of the year ending on March 31, 1878.
8. An Act to enable local authorities to acquire and lay out land for public parks and pleasure-grounds in Scotland.

9. An Act to apply certain sums out of the Consolidated Fund to the service of the years ending March 31, 1877-8-9.
10. An Act for punishing mutiny and desertion, and for the better payment of the Army and their quarters.
11. An Act for the regulation of her Majesty's Royal Marine Forces while on shore.

on shore.

12. An Act for the prevention of accidents by thrashing-machines.

13. An Act to declare the law relating to the acceptance of bills of

An Act to amend the law relating to public baths and washhouses.
 An Act to grant certain duties of Customs and Inland Revenue, to alter other duties, and to amend the laws relating to Customs and Inland

Revenue.

Revenue.

16. An Act to consolidate and amend the law relating to factories and workshops.

17. An Act to amend the Adulteration of Seeds Act, 1869.

18. An Act to grant money for the purpose of loans by the Public Works Loan Commissioners and by the Commissioners of Public Works in Ireland, and to authorise the former Commissioners to compound and cancel certain loans and interest, and to amend the Public Works Loans Act, 1877.

19. An Act to amend the Matrimonial Causes Acts.

20. An Act to provide for returns respecting continuous brakes in use on passenger-trains on railways.

21. An Act to apply the sum of £7,500,000 out of the Consolidated Fund to the service of the year ending March 31, 1879. Consolidated Fund (No. 3)

Act

22. An Act to raise the sum of £1,500,000 by Exchequer Bonds for the service of the year ending March 31, 1879. Exchequer Bonds (No. 2) Act. 23. An Act to remove doubts concerning the due acknowledgment of deeds by married women in Ireland in certain cases.

24. An Act to amend the Public Works Loans (Ireland) Act, 1877, so far as relates to lunatic asylums.

25. An Act to amend the Public Health Act, 1875, so far as relates to the

26. An Act to amend the Fubic Health Act, 1870, so far as relates to the supply of water.

26. An Act to amend the law relating to the registration of voters in Parliamentary boroughs and the enrolment of burgesses in municipal boroughs, and relating to certain rights of voting, and proceedings before and appeals from revising barristers.

27. An Act to amend the Supreme Court of Judicature Act (Ireland),

28. An Act to further amend the law of entail in Scotland.
29. An Act for conferring powers upon the Metropolitan Board of Works with respect to the obelisk known as "Cleopatra's Needle" and other

monuments.

30. An Act to alter the time of electing Commissioners under the General Police and Improvement (Scotland) Act, 1862.

31. An Act to consolidate and amend the law for preventing frauds upon

- 31. An Act to consolidate and amend the law for preventing frauds upon creditors by secret bills of sale of personal chattels.
  32. An Act to amend the Metropolis Management Act (1855), the Metropolitan Building Act (1855), and the Acts amending the same, respectively.
  33. An Act to amend the law relating to dental practitioners.
  34. An Act to amend the law relating to highways in South Wales.
  35. An Act to extend for a further limited period section thirty-four of the Supreme Court of Judicature Act, 1875.
  36. An Act to continue for one year the Police (Expenses) Act, 1875.
  37. An Act to further amend the Act relating to the raising of money by the Metropolitan Board of Works, and for other purposes relating thereto.
  38. An Act for the protection of fresh-water fish.
  40. An Act to remove doubts with respect to the application to Scotland of the Prisons Authorities Act, 1874.
  41. An Act to can be returning officers at Parliamentary elections in Scot-

- 41. An Act to enable returning officers at Parliamentary elections in Scotland to require security for their expenses, and otherwise to amend the law of Scotland relating to such expenses.
  42. An Act to amend and further extend the Acts for the commutation of tithes in England and Wales.

of tithes in England and Wales.
43. An Act to encourage regular marriages in Scotland.
44. An Act to make provision for the foundation of a Dean and Chapter for the Bishopric of Truro, and for the transfer to the cathedral church of Truro of one of the Canomies in the cathedral church of Exeter, and for other purposes connected therewith.
45. An Act to apply the sum of £14,500,000 out of the Consolidated Fund to the service of the year ending on March 31, 1879. Consolidated Fund

to the service of the year ending on March 31, 1879. Consolidated Fund (No. 4) Act.

46. An Act to enable her Majesty to provide for the establishment of his Royal Highness the Duke of Connaught and of Strathearn and her Royal Highness Princess Louise Margaret Alexandra Victoria Agnes of Prussia, and to settle an annuity on her Royal Highness.

47. An Act to enable the trustees of the Elders Widows' Fund to apply the capital of the said fund in aid of income, and for other purposes in valetion theoret.

48. An Act to amend the law relating to endowed schools and hospitals and other endowed institutions in Scotland, and for other purposes.

49. An Act to consolidate the law relating to weights and measures.50. An Act to amend the County of Hertford and Liberty of St. Albans

50. An Act to aniend the county of Act, 1874.

51. An Act to alter and amend the law in regard to the maintenance and management of roads and bridges in Scotland.

52. An Act to consolidate and amend the Acts relating to public health in Ireland.

53. An Act to facilitate improvements in the organisation of the Admiralty and War Office by the retirement of clerks from certain of the Civil Departments thereof.

ments thereor.

54. An Act to amend the Debtors' Act, 1869, and the Debtors' Act (Ireland), 1872.

55. An Act to enable the trustees of the British Museum to remove portions of their collections.

56. An Act to amend the law respecting the expense of regulating

commons.

57. An Act for the revision of the statute law of Ireland. 58. An Act for further regulating the use of locomotives on highways in

Scotland.

59. An Act to amend the law relating to the drainage and improvement of land in Ireland.

60. An Act to make better provision for idiots, imbeciles, and other afflicted persons in Ireland.
61. An Act to remove doubts as to the validity of certain marriages solemnised in the islands of Fiji prior to their erection into a British

colony

colony.

62. An Act to continue certain Turnpike Acts, and to repeal certain other Turnpike Acts; and for other purposes connected therewith.

63. An Act to amend the Prisons Acts of 1877, so far as regards the Apportionment of certain Superannuation Allowances between the Treasury and the Local Authorities.

64. An Act to raise the sum of £2,000,000 by Exchequer Bonds, Exchequer Bills, or Treasury Bills, for the Service of the year ending on March 31, 1879

March 31, 1879.
65. An Act to apply a sum out of the Consolidated Fund to the Service of the year ending March 31, 1879, and to appropriate the Supplies granted in this Session of Parliament.

66. An Act to promote Intermediate Education in Ireland.
67. An Act for extending and amending the Foreign Jurisdiction Acts.
68. An Act to provide for the foundation of four new Bishoprics in England.

Sengiand.

69. An Act to amend the law regulating the Office of Clerk of Petty Sessions, and the law relating to Fines, in Ireland, and for other purposes.

70. An Act to continue various expiring laws.

71. An Act to extend to metropolitan commons certain provisions of the Commons Act, 1876.

72. An Act to prohibit the sale of intoxicating liquors on Sunday in

72. An Act to prombit the sale of intoxicating inquors on sunday in Ireland.
73. An Act to regulate the law relating to the trial of offences committed on the sea within a certain distance of the coasts of her Majesty's dominions.

74. An Act for making better provision respecting contagious and infectious diseases of cattle and other animals, and for other purposes.

75. An Act to amend the law in respect to the polling district of Arranmore (Ireland).

76. An Act to make further provision respecting the Post Office

telegraphs.

77. An Act to amend the law relating to highways in England and the

77. An Act to amend the law relating to highways in England and the Acts relating to locomotives on roads, and for other purposes.

78. An Act to further amend the provisions of the law of Scotland on the subject of education, and for other purposes connected therewith.

79. An Act for further promoting the revision of the Statute Law by repealing certain enactments which have ceased to be in force or have

become unnecessary.

Parliamentary Voting Qualifications.—The persons entitled to the Parliamentary franchise are: (1). The separate occupier of any dwellinghouse or premises within the City who is rated to all rates made for the relief of the poor in respect of such premises, and who has on or before July 20 previous to the last revision of the register paid all rates due up to the preceding Jan. 5. (2). The rated occupier of any portion of premises of the clear annual value of £10 who has similarly substantiated his claim. In each place there must be occupation as well as tenancy, and the claimant must have been an inhabitant of the City for twelve calendar months, and must prove that he has resided within twenty-five miles of the City within six months previous to July 31. Distance is measured from the boundary of the City nearest to the place in which the person resides. The overseers are required to publish lists of all persons rated in their respective parishes. (3). Lodgers who have been for twelve months previous to the last day of July the sole tenants of apartments of the net annual value of £10, and who claim to be placed on the list by the overseers before August 25 in the current year. (4). Liverymen who are on the list based by the revising barrister at the last revision of the electoral register, with the above qualification as to residence within the previous six months. No person can vote more than once in any one election, however many qualifications he may possess.

Parliamentarany Constituencies.—A return, issued by order of Parliament, it is a supervisor of the electron of the constituencies of the countries and hovelynes of the parties and hovelynes of the private and constituencies of the countries and hovelynes of the private and constituencies of the countries and hovelynes of the private and constituencies of the countries and covernes of the parties and countries and covernes of the countries and countries an

ever many qualifications he may possess.

Parliamentary Constituencies of the counties and boroughs of the United Kingdom in 1871; the number of the counties and boroughs of the United Kingdom in 1871; the number of electors in 1868 and 1877; the area in square miles; the number of members, and the amount of property and Income tax charged for the last year for which the returns were made up. For England and Wales the population in 1871 was 22,712,112; the number of electors in 1868 was 1,991,180, while in the year 1877 they were 2,377,822; the area in square miles, 58,260\frac{1}{2}; the number of members, 489; and the total amount of property and profits assessed to Income tax for the year ended April 5, 1876, was £440,130,058. For Scotland the population was 3,552,469; the number of electors in 1868, 239,856, and in 1877, 303,983; the area was 30,523\frac{2}{3}\$ square miles; the number of members, 60; and the amount of property and Income tax charged was £53,926,912. For Ireland the population in 1871 was 5,412,377; the number of electors in 1868 was 22,4541\frac{1}{2}; the number was 227,872; the area in square miles was 32,541\frac{1}{2}; the number of members was 103; and the amount of property and profits assessed to Income tax was £1,894,557. This gives a grand total for the United Kingdom of a population in 1871 of 31,476,958; the number of electors in 1868, 2,455,490, and in 1877, 2,909,677; an area of 121,325\frac{1}{2}\$ square miles; and 652 members of Parliament.

MARCH.



D.	1 1	ANNUAL PROPERTY OF THE PARTY OF	3 204 70	SUN.	Along t	Mo	oon.	T	DURATION		OONLIGHT.	- at hon	HIGH V	ATER AT	droin w	1 -
OF	D. OF	ANNIVERSARIES, FESTIVALS,	kises.	Souths	Sets.	Rises.	Sets.	B	Sefore Sunrise.	Moon's	After Sunset.	London	Bridge.	Liverp	ool Dock.	Day
м.	w.	OCCURRENCES, ETC.		Noon.		Morn.	Morn.	-	O'Clock. 0 1 2 3 4 5	Moo	O'Clock. 6 7 8 9 10 12	Morn.	Aftern.	Morn.	Aftern.	Year.
	S	St. David	н. м.	м. s. 12 35	н. м. 5 37	н. м. 9 31	н. м. 2 13	1	0 1 2 3 4 5		167 59 10 12	н. м. 6 25	н. м. 6 47	н. м. 3 30	н. м. 3 50	00
1	2 0	Quadrages. 1st Sun. in	6 46	12 23	5 39	10 22	3 11	1	1444	D		7 13	to get the	4 12	A CONTRACT	60
2		solution (2) at the last and other and the	-			200		K		9		1	1	5 10	A CALLED	61
3	M	Waller born, 1605 LENT War with Burmah commenced,	6 44		5 41	TOO THE	4 0 4 38	1		10		4 5 100 1100	9 5	6 30	4 (5.6.70)	62
4	Tu	1824 Covent Garden Theatre burnt,		11 57	5 43	Aftern.				11		9 57	10 48	The Charles		63
5	W	1856 Artemus Ward (Charles Brown)	6 40	11 44	5 45	2 0	5 8	1		12		11 30	-	8 13	103 7 5 13 2	64
6	Th	died, 1867	6 38	11 30	5 46	3 25	5 31	P		13		0 5	0 35	9 30		65
7	F	St. Perpetua	6 36	11 16	5 48	4 51	5 51	1		14		0 58	1 20	10 23	2000	66
8	S	Sir J. F. W. Herschel born, 1792	6 34	11 1	5 50	6 18	6 6	100		0		1 43	2 2	11 8	11 27	67
9	3	2ND SUNDAY IN LENT	6 31	10 45	5 51	7 47	6 23			16		2 20	2 40	11 45	100 100	68
10	M	Benjamin West died, 1820	6 28	10 30	5 53	9 17	6 40			17		2 58	3 18	0 5	0 23	69
11	Tu	Tasso born, 1544	6 26	10 14	5 55	10 47	6 59			18		3 38	3 58	0 43	1 3	70
12	W	Gregory, Bp. and Martyr	6 23	9 58	5 57	Morn.	7 24	10		19		4 18	4 40	1 23	1 43	71
13	Th	Uranus discovered, 1781	6 21	9 41	5 58	0 17	7 58			20		5 0	5 20	2 5	2 25	72
14	F	Victor Emmanuel, King of Italy, born, 1820	6 18	9 25	6 0	1 35	8 42	20		21		5 42	6 5	2 45	3 7	73
15	S	Earl St. Vincent died, 1823	6 16	9 8	6 2	2 41	9 43			a		6 30	7 0	3 30	3 55	74
16	3	3RD SUNDAY IN LENT	6 13	8 51	6 4	3 31	10 51			23		7 30	8 10	4 25	4 55	75
17	M	St. Patrick	6 11	8 33	6 6	4 6	Aftern.	100		24		8 56	9 50	5 35	6 21	76
18	Tu	Princess Louise born, 1848	6 9	8 16	6 8	4 31	1 25	175		25		10 37	11 20	7 15	8 2	77
19	W	Bishop Kerr died, 1711	6 7	7 58	6 10	4 50	2 39	17		26		11 58	9167 TOT	8 45	9 23	78
20	'Th	Sir Isaac Newton died, 1727	6 5	7 40	6 11	5 4	3 54	129		27		0 30	0 52	9 55	10 17	79
21	F	St. Benedict	6 3	7 22	6 12	5 17	5 4			28		1 13	1 32	10 38	10 57	80
22	S	William I. of Prussia born, 1797	6 1	7 4	6 14	5 29	6 15					1 50	2 7	11 15	11 32	81
23	3	4TH SUNDAY IN LENT	5 59	6 46	6 15	5 43	7 23	18		ī		2 20	2 35	11 45	Mid.	82
24	M	H.M.S. Eurydice capsized off Dunnose, Isle of Wight, 1878	5 57	6 27	6 17	5 57	8 34			2		2 50	3 5	Lie <u>nz</u> uis	0 15	83
25	Tu	Annunciation. Lady Day	5 54	6 9	6 18	6 11	9 43	6,1		3		3 20	3 35	0 30	0 45	84
26	w	Duke of Cambridge born, 1819	5 52	5 51	6 20	6 33	10 54	0		4		3 50	4 5	1 0	1 15	85
27	Th	Earl of Cardigan died, 1868	5 50	5 32	6 22	6 57	Mid.			5		4 20	4 33	1 30	1 45	86
28	F	Slave Trade abolished, 1807	5 48	5 14	6 24	7 30	Morn.	H		6		4 48	5 3	1 58	2 13	87
29	S	Albert Hall opened, 1871	5 45	4 56	6 26	8 15	1 1	P.		7		5 19	5 37	2 28	2 44	88
30	2 100	5TH SUNDAY IN LENT	5 43	4 37	6 28	9 11	1 52			8		5 57	6 20	3 2	3 22	89
31	M	Treaty of Paris, 1856	5 41	4 19	6 30	10 19	2 34	N.		0		6 45	7 15	3 45	4 10	90
01	TIT	Treaty of Paris, 1600	0 11	1 10	0001	10 10	Z OI		WINIA			0 10	1 10	0 40	T 101	00



DARBY AND JOAN. BY KATE GREENAWAY.—FROM "THE ILLUSTRATED LONDON NEWS."

AT THE END OF THE SESSION, 1878.  TO THE SESSION S	TH	E ILLUSTRATED LOND	ON ALMANACK	FOR 1879.	
AT THE END OF THE SISSION, 1578.  Tra state of the representation is near the of the kinefores and the Principality is indicated in the table below. Norwich: the Liberals are credited Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by them.  Posture Principal Conservatives, as it was before held by th	STRENGTH OF POLITICA	T. PARTIES IN 1874 AND			Politic
Tar state of the representation in each of the kineforms and the Principulty's inducated in the table below. Nowvisi: the Libenhau averedible to the Conservatives, as it was before held by them.   Target   Ta	AT THE END OF	THE SESSION 1878	Dyro	Dodnon	C:
Solution			St. Ives	1 Radnorshire	1
College   Coll	pality is indicated in the table below	Norwich the Liberals are credited	Salford	2 Swansea	
College   Coll	with this seat, as they last held it.	Truro, now vacant, is credited to the		9 17 7	
NACLAND   POINT   Color   Co	Conservatives, as it was before held t	by them.	Scarborough	1 1 Aberdeenshire E	
Adulged				1 Aberdeenshire, W	
Ablagedon   1   Hawitch   1   Hadaings   2   Apleabury   1   Herderford   1   1   Herderford   2   Herderford   2   Herderford   2   Herderford   2   Herderford   2   Herderford	Politics C I.			2 Avr	
Andows	Abingdon 1		Shrewsbury	2 Ayrshire, North .	1
Astledury   1   Hereford   1   Hondam   1   Bonness   1   Hondam   1   Hondam	Andover 1	Hastings 2		2 Ayishire, boutin	
Banbury		Helston 1	Somersetshire, E	2 Berwickshire	
Bondrong   1   Horsdam   1   Bondrong   1   Bondrong   1   Horsdam   1   Bondrong   1   Horsdam   1   Bondrong   1   Horsdam   1   Bondrong   1   Horsdam   1   Bondrong	Banbury 1	Herefordshire 2 1	Somersetshire, Mid	2 Buteshire	
Section   1   Horden   1   Ho	Barnstaple 2	Hertford 1		· Caroniness-sinie · · ·	
Bedrochine	Bedford 1 1	Horsham 1	South Shields	1 Dumbartonshire .	1
Servey   1	Bedfordshire 1 1	Huddersfield 1			
Bewley		TT 4: 3	Staffordshire, E	1 1 Dundee	
Bilbernand   1   1   1   1   1   1   1   1   1	Bewdley 1	Huntingdonshire 2	Staffordshire, N	2 Edinburgh	
Backburn		Hythe 1			
Bolton	D1 11		Stamford	1 Elgin	
Boaton	Bodmin 1	Kent, E 2	Stockport Stockton	2 Elginshire	
Bradford		Kent Mid 2		1 1 Fifeshire	
Briedporth   1	Bradford 2	Kidderminster 2	Stroud	2 Forfarshire	
Brighton   2   2   Lancashire, N.   2   Sunderland   2   Lancashire, N.   2   Lancashire, N	Bridgnorth 1	Knaresborough 1	Suffolk, E	2 Glasgow	
Buckles	Srighton 1	Lambeth 2	Sunderland	2 Greenock	
Buckingham	Bristol 2	Lancashire, N.E 2	Surrey, E	2 Haddington	
Burnelley	Buckingham 1	Lancashire, S.E 2	Surrey, M		
Bury St. Datumads	Burnley 2 1	=	Sussex, E	2 Inverness	
Bury 8t. Edmunds	Bury 1	Leeds 2 1	Sussex, W	2 Inverness-shire	1
Cambridge   2   Cambridge   2   Cambridge   2   Cambridge   Camb	Bury St. Edmunds 2	Leicester 2	Tamworth	2 Kilmarnock 2 Kincardineshire	
Cambridge University   2		Time to 1: C	Tavistock	1 Kirkcaldy	
Lewes	Cambridge University 2	Leominster 1	Tewkesbury	1 Kirkcudbrightshire	
Carliele	Cambridgeshire 2 1	Lewes 1		0 T 11: 0	
Cataham	0 1:1		Tower Hamlets	1 1 Leith	
Lincolnshire, Mid   2	Chatham 1	Lincolnshire, N 2	Truro	2   Linlithgowshire	
Cheshire, East   2		Lincolnshire, Mid 2	Wakefield	1 Montrose	
Cheshire, Mid   2	C11: - TI4	Lincolnshire, S 2	Wallingford	I Paisley	
Chester   2	Cheshire, Mid 2	Liverpool 2 1	Walsall	1 Perth	
Chichester	Cheshire, West 2	London 3 1	Warrington	1 D 0 1	
Chipsenham		London University 1	Warwick	1 1 Ross	
Christchurch	Chippenham 1	Lymington 1	Warwickshire, N	0	1
Maidstone		Lynn Regis 2	Wednesbury	1 (1-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	
Colehester   Cornwall, E	CU:11	7.7 . 7 . /	Wenlock		
Cornwall, E.	Cockermouth 1	Maldon 1	Westbury	1 Stirlingshire	1
Cornwall, W.   2   Manchester   1   2   Whitby   1   1   Wigton   Corelary   1   1   Marlborough   1   1   Whitby   1   1   Wigton   Corelary   1   1   Marlborough   1   1   Whitby   1   Whitby   Whitby   1   Whitby		135.11	Westmoreland		
Coventry			Weymouth	1 1 Wigton	
Cumberland, E	Coventry 1 1	Marlborough 1	Whitehoven	1 Wigtonshire	
Cumberland, W			Wigan	9 IRELANI	
Darlington	Cumberland, W 2	Middlesborough 1	Wight, Isle of	Ammagh	
Derbyshire, E.	D 1	Middlesex 2		Armagh County	0
Derbyshire, N.	Derbyshire, E 1 1	Monmouth 1	Wiltshire, S	2 Athlone	
Derbyshire, S.	Derbyshire, N 1 1	Monmouthshire 2	Winchester	7 Belfast	0
Devonshire   2	Derbyshire, S 1 1	Morpeth 1		Carlow	
Devonshire, E.   2	Devonport 2	Nowgestle under Tume	Woodstock	1 Carlow County	2
Devonshire, N.	Devonshire, E 2	Newcastle-on-Tyne 1 1	Worcester	1 1 Carrieringus	
Development		Newport 1		2 Clare	
Dorsetshire   1	Dewsbury 1	Norfolk, S 2	Wycombe	1 Coloraine	
Dorsetame	Dorchester 1	Norfolk, W 2	York	2 Cork	
Durham, N.         1         1         Northumberland, S.         1         1         WALES.         Dublin University         Dublin County         Dublin County <t< td=""><td>D</td><td>Northallerton 1</td><td>Yorkshire, N. Riding</td><td> 1 1 Cork County</td><td></td></t<>	D	Northallerton 1	Yorkshire, N. Riding	1 1 Cork County	
Durham, N.         1         1         Northumberland, S.         1         1         WALES.         Dublin University         Dublin County         Dublin County <t< td=""><td>Droitwich 1</td><td>Northamptonshire, N 2</td><td>Yorkshire, W. R., E.D.</td><td> 2 Donegal</td><td></td></t<>	Droitwich 1	Northamptonshire, N 2	Yorkshire, W. R., E.D.	2 Donegal	
Durham, N.         1         1         Northumberland, S.         1         1         WALES.         Dublin University         Dublin County         Dublin County <t< td=""><td>Dudley 1</td><td>Northamptonshire, S 2</td><td>Yorkshire, W. R., N.D.</td><td> 2 Downpatrick</td><td></td></t<>	Dudley 1	Northamptonshire, S 2	Yorkshire, W. R., N.D.	2 Downpatrick	
Durham S.   2   Norwich   2   Anglesea   1   Dublin University   Essex, E.   2   Nottingham   2   Beaumaris   1   Dublin County   Dublin Cou	1 1 1 1 1	Northumberland, N 2		Drogheda	
Essex, E.         2         Nottingham         2         Beaumaris         1         Dublin County           Essex, S.         2         Nottingham, N.         2         Breeknock         1         Dublin County         Dundalk           Essex, W.         2         Nottingham, S.         2         Breeknockshire         1         Dungannon           Evesham         1         Oxford         1         1         Cardigff         1         Dungannon           Exeter         2         Oxford         1         1         Cardigff         1         Dungannon           Eye         1         Oxford University         2         Cardigff         1         Ennis           Frome         1         Perryn         2         Oxford University         2         Carmarthen         1         Fermiskillen           Frome         1         Peterborough         2         Carnarthen         1         Fermanagh           Gloucester         1         Petersfield         1         Carnarvon         1         Kerry           Gloucester, E.         2         Plymouth         2         Denbighshire         1         Kildare           Grantham         1         Poote	Durham, S 2	37		4 TO 11: TY	
Essex, S.         2         Nottingham, N.         2         Brecknock         1         Dundalk           Essex, W.         2         Nottingham, S.         2         Brecknockshire         1         Dungannon           Evesham         1         Oldham         1         1         Cardiff         1         Dungannon           Eye         1         Oxford         1         1         Cardigra         1         Ennis           Finsbury         2         Oxford University         2         Carganshire         1         Enniskillen           Frome         1         Peterborough         2         Carmarthen         1         Fermanagh           Galway         2         Carnavon         1         Galway         Galway           Gloucester         1         Petersfield         1         Carnavonshire         1         Kerry           Gloucester, E.         2         Plymouth         2         Denbigh         1         Kildare           Grantham         1         Pontefract         1         Denbighshire         1         Kilkenny           Gravesend         1         Portsmouth         2         Flintshire         1         Kilkeny County </td <td>Essex, E 2</td> <td>Nottingham 2</td> <td>Beaumaris</td> <td> 1 Dublin County</td> <td></td>	Essex, E 2	Nottingham 2	Beaumaris	1 Dublin County	
Evesham         1         Oldham         1         Cardiff         1         Dungarvon           Exeter         2         Oxford         1         1         Cardigan         1         Ennis           Eye         1         Oxford         1         1         Cardigan         1         Ennis           Finsbury         2         Oxford University         2         Cardigan         1         Enniskillen           Frome         1         Perryn         2         Carmarthen         1         Fermanagh           Gateshead         1         Peterborough         2         Carnarvon         1         Galway           Gloucester         1         Petersfield         1         Carnarvonshire         1         Kerry           Gloucester, E.         2         Plymouth         2         Denbigh         1         Kildare           Gloucester, W.         1         Pontefract         1         Denbighshire         1         Kilkenny           Grantham         1         Portsmouth         2         Flintshire         1         Kilkeny County           Greenwich         1         Preston         2         Glamorganshire         2         Kinsale		Nottingham, N 2	Brecknock	1 Dundalk	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Evesham 1	Oldham 1 1		1 D	
Cardinganshire   1	Exeter 2	Oxford 1 1	Cardigan	1 Ennis	
Frome	D' 1	Oxfordshire 2 1	Cardiganshire	1 Enniskillen	1
Gateshead	Frome 1		Carmarthenshire	0 01	
Petersfield	Gateshead 1	Peterborough 2	Carnarvon	1 Galway County	
Gloucester, W.	01	D1	Carnarvonshire	1 Kerry	
Grantham         1 1         Poole         1 Flint         1 Kilkenny County           Graenwich         1 1         Preston         2 Glamorganshire         1 Kilkenny County           Grimshy         1 Reading         2 Glamorganshire         2 Kinsale	Gloucester, W 1 1	Pontefract 1 1	Denbighshire	1 1 Kilkenny	
Graenwich         1         Portsmouth         2         Flintshire         1         King's County            Grimshy         1         Reading         2         Hamoganshire         2         Kinsale	Grantham 1 1	Poole 1	Flint	I Klikenny County	
Grimsby 1 Reading 9 Glamorganshire 2 Kinsale 2 Kinsale	7	Portsmouth 2	Flintshire	1 King's County	
	Frimsby 1			4 T .: 14:: 1.	
Guildford 1 Retford 1 Merionethshire 1 Limerick	Guildford 1	Retford 1 1	Merionethshire	4 7 2	
Hackney 2 Richmond 1 Merthyr 2 Limerick County	T-1:0	Richmond 1	Merthyr	2 Limerick County	
Hampshire, N 2 Report I Montgomery 1 Lisburn 1 Hampshire, N 2 Rechdale 1 Montgomery 1 Lisburn 1 Lisburn	Hampshire, N 2	Doch dolo	Montgomery	1 Lisburn	1
Hampshire, S 1 1 Rochester 2 Pembroke 1 Londonderry County 1	Hampshire, S 1 1	Rochester 2	Pembroke	1 Londonderry County	
Hartlepool 1 Rutlandshire 2 Pembrokeshire 1 Longford				1 T 0 - 1	



MARCH: --- HIGH WINDS.



APRIL: -- SHOWERS.



"NEVER MIND; IT'S ONLY A SHOWER!" FROM "THE ILLUSTRATED LONDON NEWS."

### INSURANCE OFFICE STATISTICS.

TABLE SHOWING THE INCOME, INTEREST, AND CAPITAL OF THE PRINCIPAL OFFICES-1877 AND 1878.

The several insurance offices at the end of the year showed an aggregate revenue from the savings of the insured of upwards of  $11\frac{1}{2}$  millions sterling; they had in hand also upwards of  $113\frac{1}{2}$  millions sterling:—

3T 0 CI-	too ap	11 002 010	01 11	3½ million					Yorkshire
Names of Co	mpanie	es.		Premium Income.		Interest Income.		Funds at end of Year.	Total .
Albion		27.		6,738		86		7,257	
Alliance British Fi			•••	99,446	•••	47,601		1,597.790	The funds at the close of
Argus	•••			29,409 92,503	•••	24,426 66,804	•••	525,094 1,527,146	up in the proprietary compa
British Alliance				38		_		9	-
British Empire Mu	tual			101,962		27,238		682,990	RELIGIOUS SE
British Equitable			•••	114,027	•••	17,199		439,842	PLACES of Meeting for Re
British Workman's Caledonian				17,376 56,211		73 22,746		4,358 527,493	been certified to the Registr
Church of England				77,136		26,616		600,389	follows:—
Clerical, Medical, a		neral		181,386		89,182		2,168,457	The number of places of
Clergy Mutual				193,482		97,378		2,379,142	recorded, and on the register
City of Glasgow	•••		•••	134,919	•••	37,867 399	•••	907,574 8,400	in the list for the first time.
Colonial			•••	9,325	•••	420		11,286	Advents, The. Apostolics.
Commercial Union				81,562		21,137		446,233	Arminian New Society.
Crown				138 135		57,933		1,352,932	Baptists.
Eagle Economic			•••	323,756 227,232	•••	137,045 136,532		2,939,186 3,272,220	Baptized Believers.
Edinburgh				157,843		61,061		1,449,757	Believers in Christ.
Emperor				17,405		150		11,204	*Believers in the Divine V of Joanna Southcote, Prop
English and Scottis	h Law			129,617		46,154		993,114	Exeter.
Equitable Equity and Law			•••	151,350		176,150	•••	4,095,091	Bible Christians.
General				123,589 100,196		47,160 26,245		1,354,976 642,106	Bible Defence Association. Brethren.
Great Britain Mutu	ıal			76,975		5,776		143,309	Calvinists and Welsh Calvin
Gresham				389,418		97,751		2,236,033	Calvinistic Baptists.
Guardian		•••	•••	114,384		64,712		1,426,308	Catholic Apostolic Church.
Hand-in-Hand			•••	134,855		76,849 46,490	•••	1,716,057 1,043,372	Chapels of other Wesleya
Imperial			•••	25,824		22,672		1,046,603	those enumerated.
Imperial Union				16,347		74		12,544	Christians owning no name Lord Jesus.
Lancashire Insurar			•••	49,003		13,709		299,865	Christians who object to b
Law Property, &c.	***			253,433 4,743	•••	238,023 670	•••	5,375,877 16,273	wise designated.
Law Union				60,287		16,611		350,025	Christian Believers. Christian Brethren.
Legal and General				136,891		79,767		1,798,700	Christian Eliasites.
Life Association of	Scotla	nd		303,515		86,585		1,880,171	Christian Israelites.
Liverpool and Lor	idon a	nd Gl	obe	212,480	•••	79,991 19,260	•••	404,311 1,773,503	Christian Mission.
London Life Assoc	iation			301,824		147,188	***	3,428,450	Christian Teetotalers. Christian Temperance Men.
London and Lanca	shire I	ife		55,846		5,963		151,786	Christian Unionists.
London Assurance	•••			159,454		79,161		1,688,017	Christadelphians.
London, East Ind	a, and	l Color	nial	No bu		paid by car	nita	ry expenses	Church of England.
London and Manch	ester I	ndustr	ial	17,991		50	D1000	7445	Church of Scotland. Church of Christ.
London and Provin	cial La			80,740		35,417		803,897	Church of the People.
London and South Marine and Genera	vark 1 Mut	191	•••	3,269 29,857		600		88,600	Church of Progress.
Masonic and Gener			•••	5,170		14,103	•••	308,799 6,361	Congregational Temperan
Metropolitan				147,815		68,803		1,554,798	Church. Countess of Huntingdon's C
Midland Counties			•••	2,740		1,401		30,069	Coventry Mission Band.
Mutual National			•••	81,046	•••	39,420	•••	909,471	Danish Lutherans.
National Guardian				68,800 549		31,000 367		700,000 4,008	Disciples in Christ.
National Industria	1			27		59		806	Disciples of Jesus Christ.  Eastern Orthodox Greek Ch
National of Ireland	l	•••		12,673		6,380		132,111	Eclectics.
National Provident N. B. and Mercant		•••	•••	250,795	•••	136,656		3,520,406	Episcopalian Dissenters.
Northern				289,123 148,226		110,137 46,878		2,487,199 1,326,965	*Evangelical Free Church.
				143,400		76,013		1,671,916	Evangelical Mission. Evangelical Unionists.
Norwich Union		•••	•••	14,818		13,468		322,811	Followers of the Lord Jesus
Pearl Pelican	•••			35,654		340			Free Catholic Christian Chu
Pelican							•••	12,194	
				86,310	•••	53,982		1,245,875	Free Christians.
Positive				86,310 42,055			***	1,245,875 208,341	Free Christians. Free Christian Association.
Preserver Protector Endowm				86,310 42,055 602 2,357		53,982		1,245,875	Free Christians. Free Christian Association. Free Church.
Positive Preserver Protector Endowm Provident	ent	:::		86,310 42,055 602 2,357 168,511		53,982 7,575 — 1,146 84,103	•••	1,245,875 208,341 19,289 17,701 1,996,622	Free Christians. Free Christian Association. Free Church. Free Church (Episcopal). Free Church of England.
Positive Preserver Protector Endowm Provident Provident Clerks'	ent 			86,310 42,055 602 2,357 168,511 89,132		53,982 7,575 — 1,146 84,103 30,385		1,245,875 208,341 19,289 17,701 1,996,622 690,688	Free Christians. Free Church. Free Church (Episcopal). Free Church of England. Free Grace Gospel Christian.
Positive Preserver Protector Endowm Provident Provident Clerks' Provincial	ent			86,310 42,055 602 2,357 168,511 89,132 32,427		53,982 7,575 — 1,146 84,103 30,385 10,309		1,245,875 208,341 19,289 17,701 1,996,622 690,688 240,342	Free Christians. Free Christian Association. Free Church (Episcopal). Free Church of England. Free Grace Gospel Christian Free Gospel and Christian
Positive Preserver Protector Endowm Provident Provident Clerks'	ent 			86,310 42,055 602 2,357 168,511 89,132 32,427 736,955		53,982 7,575 — 1,146 84,103 30,385 10,309 27,979		1,245,875 208,341 19,289 17,701 1,996,622 690,688 240,342 702,185	Free Christians. Free Church. Free Church. Free Church (Episcopal). Free Church of England. Free Grace Gospel Christian Free Gospel and Christian I Free Gospel Church.
Positive Preserver Protector Endowm Provident Provident Clerks' Provincial Prudential Queen Rock	ent			86,310 42,055 602 2,357 168,511 89,132 32,427 736,955 52,383 144,346		53,982 7,575 		1,245,875 208,341 19,289 17,701 1,996,622 690,688 240,342 702,185 276,206 3,095,514	Free Christians. Free Christian Association. Free Church. Free Church (Episcopal). Free Church of England. Free Grace Gospel Christian Free Gospel and Christian I Free Gospel Church. **Free Gospellers.
Positive Preserver Protector Endowm Provident Provident Clerks' Provincial Prudential Queen Rock Royal	ent			86,310 42,055 602 2,357 168,511 89,132 32,427 736,955 52,383 144,346 245,058		53,982 7,575 — 1,146 84,103 30,385 10,309 27,979 11,900 137,241 83,699		1,245,875 208,341 19,289 17,701 1,996,622 690,688 240,342 702,185 276,206 3,095,514 2,246,802	Free Christians. Free Christian Association. Free Church. Free Church (Episcopal). Free Church of England. Free Grace Gospel Christian Free Gospel and Christian I Free Gospel Church. Free Gospellers. Free Methodists. Free Methodists. Free Union Church.
Positive Preserver Protector Endowm Provident Provident Clerks' Provincial Prudential Queen Rock Royal Royal Exchange	ent			86,310 42,055 602 2,357 168,511 89,132 32,427 736,955 52,383 144,346 245,058 138,898		53,982 7,575 — 1,146 84,103 30,385 10,309 27,979 11,900 137,241 83,669 79,754		1,245,875 208,341 19,289 17,701 1,996,622 690,688 240,342 702,185 276,206 3,095,514 2,246,802 1,781,484	Free Christians. Free Church. Free Church. Free Church (Episcopal). Free Church of England. Free Grace Gospel Christian Free Gospel and Christian I Free Gospel Church. * Free Gospellers. Free Methodists. Free Union Church. General Baptist.
Positive Preserver Protector Endowm Provident Provident Clerks' Provincial Prudential Queen Rock Royal Exchange Royal Farmers' Lit	ent			86,310 42,055 602 2,357 168,511 89,132 32,427 736,955 52,383 144,346 245,058 138,898 9,750		53,982 7,575 — 1,146 84,103 30,385 10,309 27,979 11,900 137,241 83,699 79,754 5,210		1,245,875 208,341 19,289 17,701 1,996,622 690,688 240,342 702,185 276,206 3,095,514 2,246,802 1,781,484 119,714	Free Christians. Free Church. Free Church. Free Church (Episcopal). Free Church of England. Free Grace Gospel Christian Free Gospel and Christian I Free Gospel Church. Free Gospellers. Free Methodists. Free Union Church. General Baptist. General Baptist New Conne
Positive Preserver Protector Endowm Provident Provident Clerks' Provincial Prudential Queen Rock Royal Royal Exchange Royal Farmers' Lift Refiance Mutual Sceptre	ent			86,310 42,055 602 2,357 168,511 89,132 32,427 736,955 52,383 144,346 245,058 138,898 9,750 74,177 27,479		53,982 7,575 — 1,146 84,103 30,385 10,309 27,979 11,900 137,241 83,669 79,754		1,245,875 208,341 19,289 17,701 1,996,622 690,688 240,342 702,185 276,206 3,095,514 2,246,802 1,781,484	Free Christians. Free Church. Free Church. Free Church (Episcopal). Free Church of England. Free Grace Gospel Christian Free Gospel and Christian I Free Gospel Church. * Free Gospellers. Free Methodists. Free Union Church. General Baptist. General Baptist New Conner * German Evangelical Comner
Positive Preserver Protector Endowm Provident Provident Clerks' Provincial Prudential Queen Royal Royal Royal Exchange Royal Farmers' Lit Reliance Mutual Sceptre Security	ent			86,310 42,055 602 2,857 168,511 89,132 32,427 736,955 52,383 144,346 245,058 138,898 9,750 74,177 27,479 1,477		58,982 7,575 1,146 84,103 30,385 10,309 27,979 11,900 137,241 83,699 79,754 5,210 16,831 4,122 329		1,245,875 208,341 19,289 17,701 1,996,622 690,688 240,342 702,185 276,206 3,095,514 2,246,802 1,781,484 119,714 396,187 92,017 6,637	Free Christians. Free Christian Association. Free Church. Free Church (Episcopal). Free Church of England. Free Grace Gospel Christian Free Gospel and Christian Free Gospel Church. Free Gospellers. Free Methodists. Free Union Church. General Baptist. General Baptist New Conne. German Evangelical Comn German Lutherans. German Roman Catholics.
Positive Preserver Protector Endowm Provident Provident Clerks' Provincial Prudential Queen Royal Royal Exchange Royal Farmers' Lit Reliance Mutual Sceptre Security Scottish Amicable	ent			86,310 42,055 602 2,357 168,511 89,132 32,427 736,955 52,383 144,346 245,058 138,898 9,750 74,177 27,479 1,477 178,940		58,982 7,575 —————————————————————————————————		1,245,875 208,341 19,289 17,701 1,996,622 630,688 240,342 702,185 276,206 3,095,514 2,246,802 1,781,484 119,714 396,187 92,017 6,637 2,008,026	Free Christians. Free Church. Free Church. Free Church (Episcopal). Free Church of England. Free Grace Gospel Christian Free Gospel and Christian I Free Gospel and Christian I Free Gospel Church. Free Gospellers. Free Methodists. Free Union Church. General Baptist. General Baptist New Conne German Evangelical Comn German Lutherans. German Roman Catholics. Glassites.
Positive Preserver Protector Endowm Provident Provident Clerks' Provincial Prudential Queen Rock Royal Royal Exchange Royal Farmers' Li Reliance Mutual Sceptre Security Scottish Amicable Scottish Commercial	ent			86,310 42,055 602 2,357 168,511 89,132 32,427 736,955 52,383 144,346 245,058 9,750 74,177 27,479 1,477 178,940		58,982 7,575 1,146 84,103 30,385 10,309 27,979 11,900 137,241 83,695 5,210 16,831 4,122 329 89,099 1,803		1,245,875 208,341 19,289 17,701 1,996,622 690,688 240,342 702,185 276,206 3,095,514 2,246,802 1,781.484 119,714 396,187 92,017 6,637 2,008,026 47,596	Free Christians. Free Church. Free Church. Free Church (Episcopal). Free Church of England. Free Grace Gospel Christian Free Gospel and Christian Free Gospel Church. Free Gospellers. Free Methodists. Free Union Church. General Baptist. General Baptist New Conne. German Evangelical Comn German Lutherans. German Roman Catholics. Glassites. Glory Band.
Positive Preserver Protector Endowm Provident Provident Clerks' Provincial Prudential Queen Rock Royal Royal Exchange Royal Farmers' Lit Reliance Mutual Sceptre Security Scottish Amicable Scottish Equitable Scottish Imperial	ent			86,310 42,055 602 2,357 168,511 89,132 32,427 756,955 52,383 144,346 245,058 138,898 9,750 74,177 27,479 1,477 178,940 13,519 211,452 24,665		58,982 7,575 — 1,146 84,103 80,385 10,309 27,979 11,900 137,241 83,699 79,754 5,210 16,831 4,122 329 89,099 1,803 160,274 2,469		1,245,875 208,341 19,289 17,701 1,996,622 690,688 240,342 702,185 276,206 3,095,514 2,246,802 1,781,484 119,714 396,187 92,017 6,637 2,008,026 47,596 2,352,846	Free Christians. Free Church. Free Church. Free Church (Episcopal). Free Church of England. Free Grace Gospel Christian Free Gospel and Christian Free Gospel and Christian Free Gospel Church. Free Gospellers. Free Methodists. Free Union Church. General Baptist. General Baptist New Connee German Lutherans. German Lutherans. German Roman Catholics. Glassites. Glory Band. Greek Catholic.
Positive Preserver Protector Endowm Provident Provident Clerks' Provincial Prudential Prudential Royal Royal Royal Exchange Royal Farmers' Lif Reliance Mutual Sceptre Security Scottish Amicable Scottish Commercis Scottish Equitable Scottish Imperial	ent			86,310 42,055 602 2,357 188,511 89,132 32,427 7586,955 52,383 144,346 245,058 188,898 9,750 74,177 27,477 178,940 1,477 178,940 21,452 24,664 382,062		58,982 7,575 —1,146 84,103 30,385 10,309 27,979 11,900 137,241 83,699 79,754 5,210 16,831 4,122 89,099 1,803 10,274 2,469 1,803 10,274 2,499 1,803 1		1,245,875 208,341 19,289 17,701 1,996,622 690,688 240,342 702,185 276,206 3,095,514 2,246,802 1,781,484 19,714 396,187 92,017 6,637 2,008,026 47,596 2,352,846 67,594 8,101,899	Free Christians. Free Christian Association. Free Church. Free Church (Episcopal). Free Church of England. Free Grace Gospel Christian Free Gospel and Christian Free Gospel Church. * Free Gospellers. Free Methodists. Free Union Church. General Baptist. General Baptist New Conne. * German Evangelical Comn German Lutherans. German Catholics. Glassites. Glory Band. Greek Catholic. Halifax Psychological Societ Hallelujah Band.
Positive Preserver Protector Endowm Provident Provident Clerks' Provincial Prudential Prudential Royal Royal Royal Exchange Royal Farmers' Lif Reliance Mutual Sceptre Security Scottish Amicable Scottish Commercis Scottish Equitable Scottish Imperial	ent			86,310 42,055 602 2,357 168,511 89,132 32,427 756,955 52,383 144,345 245,058 138,898 9,775 77,479 1,477 178,940 13,519 211,452 24,664 332,062 165,951		53,982 7,575 —1,146 84,103 30,385 10,309 27,979 11,900 137,241 83,699 79,754 4,122 329 89,099 1,803 10,924 2,469 129,899 48,594 45,594		1,245,875 208,341 19,289 17,701 1,996,622 690,688 240,342 702,185 276,206 3,095,514 2,246,802 1,781,484 119,714 396,187 92,017 6,637 47,596 2,352,346 67,594 3,101,899 1,170,381	Free Christians. Free Church, Free Church, Free Church (Episcopal). Free Church of England. Free Grace Gospel Christian Free Gospel and Christian I Free Gospel and Christian I Free Gospel Church. *Free Gospellers. Free Methodists. Free Union Church, General Baptist. General Baptist New Conne. *German Evangelical Comn German Lutherans. German Roman Catholics. Glassites. Glory Band. Greek Catholic. Hallfax Psychological Societ Hallelujah Band. Hope Mission.
Positive Preserver Protector Endowm Provident Provident Clerks' Provincial Prudential Prudential Royal Royal Royal Exchange Royal Farmers' Lif Reliance Mutual Sceptre Security Scottish Amicable Scottish Commercis Scottish Equitable Scottish Imperial	ent			86,310 42,055 602 2,357 188,511 89,132 32,427 736,955 52,383 144,346 245,058 138,989 9,750 74,177 27,479 1,477 178,940 13,452 24,664 332,062 165,951 257,815		58,982 7,575 —1,146 84,103 30,385 10,309 27,979 11,900 137,241 83,699 79,754 5,210 16,831 4,122 329 89,099 1,803 10,274 2,469 129,899 48,594 71,804		1,245,875 208,341 19,289 17,701 1,996,622 690,688 240,342 702,185 276,206 3,095,514 2,246,802 1,781,484 4119,714 396,187 6,637 2,008,026 67,594 3,101,899 1,170,381 2,271,425	Free Christians. Free Church. Free Church. Free Church (Episcopal). Free Church of England. Free Grace Gospel Christian Free Gospel and Christian Free Gospel Church. Free Grace Gospel Church. Free Grace Gospel Church. Free Gospellers. Free Methodists. Free Union Church. General Baptist. General Baptist. General Baptist. General Baptist. General Baptist. German Evangelical Comn German Lutherans. German Roman Catholics. Glassites. Glory Band. Greek Catholic. Halifax Psychological Societ Hallelujah Band. Hope Mission. Humanitarians.
Positive Preserver Protector Endowm Provident Provident Clerks' Provincial Prudential Queen Rock Royal Royal Exchange Royal Farmers' Lit Reliance Mutual Sceptre Security Scottish Amicable Scottish Lommercis Scottish Equitable Scottish Imperial Scottish Provincial Scottish Union and Scottish Wildows' I Sovereign	ent			86,310 42,055 602 2,357 168,511 89,132 32,427 756,955 52,383 144,346 245,058 138,898 9,750 74,177 27,479 1,477 178,940 13,519 211,452 24,664 332,062 165,951 257,815		53,982 7,575 1,146 84,103 30,385 10,309 27,979 11,900 187,241 83,699 79,754 5,210 16,831 4,122 329 89,099 1,803 100,274 2,469 129,899 48,594 71,804 273,230		1,245,875 208,341 19,289 17,701 1,996,622 690,688 240,342 702,185 276,206 3,095,514 2,246,802 1,781,484 119,714 396,187 92,017 6,637 2,008,026 47,594 8,101,899 1,170,381 2,271,425 6,686,722	Free Christians. Free Church. Free Church. Free Church (Episcopal). Free Church of England. Free Grace Gospel Christian Free Gospel and Christian Free Gospel and Christian Free Gospel Church. Free Gospellers. Free Methodists. Free Union Church. General Baptist. General Baptist New Conne. German Evangelical Comn German Lutherans. German Roman Catholics. Glassites. Glory Band. Greek Catholic. Halifax Psychological Societ Hallelujah Band. Hope Mission. Humanitarians. Independents.
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Names of Comp	anies.		Premium Income.		Interest Income.	Funds at end of Year.
University			51,145		42,844	 1,010,873
Western Counties a Mutual		idon }	14,936		1,268	 33,337
Westminster and Gen			44,862		16,207	 388,434
West of England		•••	103,873		56,940	 1,028,418
Whittington Life		•••	40,013		3,224	 88,849
Yorkshire			41,433	•••	23,014	 503,689
Tota	al	£1	1,658,915		£4,801,434	£113,676,728

The funds at the close of previous year include shareholders' capital paid up in the proprietary companies.

## RELIGIOUS SECTS-PLACES OF WORSHIP.

PLACES of Meeting for Religious Worship in England and Wales have been certified to the Registrar-General on behalf of persons described as follows:—

The number of places of meeting for Religious Worship, certified, recorded, and on the register, 1877-8, was 19,486. Those marked (\*) appear in the list for the first time.

	100
Advents, The.	N T
Apostolics. Arminian New Society.	1111
Bantists.	-
Baptized Believers.	1
Baptized Believers. Believers in Christ. *Believers in the Divine Visitation	
*Believers in the Divine Visitation	1
of Joanna Southcote, Prophetess of	1
Exeter.	3
Bible Christians. Bible Defence Association.	1
Brethren.	(
Calvinists and Welsh Calvinists.	]
Calvinistic Baptists. Catholic Apostolic Church.	]
Catholic Apostolic Church.	1
Chapels of other Wesleyans than	1
those enumerated. Christians owning no name but the	3
Lord Jesus.	2 40
	]
wise designated.	1
Christian Believers.	1
Christian Brethren.	1
Christian Israelites	1
Christian Mission.	1
Christian Teetotalers.	]
Christians who object to be other- wise designated. Christian Believers. Christian Brethren. Christian Israelites. Christian Israelites. Christian Mission. Christian Temperance Men. Christian Unionists. Christian Unionists.	1
Christian Unionists.	]
Christadelphians.	]
Church of England. Church of Scotland. Church of Christ. Church of the People. Church of Progress.	
Church of Christ.	1
Church of the People.	j
Church of Progress.	]
Congregational Temperance Free	]
Church.	1
Coventry Mission Band	]
Countess of Huntingdon's Con. Coventry Mission Band. Danish Lutherans.	j
Disciples in Christ. Disciples of Jesus Christ. Eastern Orthodox Greek Church.	1
Disciples of Jesus Christ.	]
Eastern Orthodox Greek Church.	]
Eclectics.	]
*Evengelical Free Church	70 70 70
Evangelical Mission.	10
Episcopalian Dissenters.  *Evangelical Free Church.  Evangelical Mission.  Evangelical Unionists.  Followers of the Lord Jesus Christ.	1 6
Followers of the Lord Jesus Christ.	35
	1
Free Christians.	27.0
Free Christian Association.	20 70 70
Free Christians. Free Church. Free Church. Free Church (Episcopal).	20 70 70 70
Free Christian Association. Free Church. Free Church (Episcopal). Free Church of England.	20 20 20 20 20
Free Christians. Free Christian Association. Free Church. Free Church (Episcopal). Free Church of England. Free Grace Gospel Christians.	70 70 70 70 70 70
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Free Gospel and Christian Brethren. Free Gospel Church.	מימימימימימירידידים
Free Gospel and Christian Brethren. Free Gospel Church.	7
Free Gospel and Christian Brethren. Free Gospel Church.	7
Free Gospel and Christian Brethren. Free Gospel Church.	7
Free Gospel and Christian Brethren. Free Gospel Church. Free Gospellers. Free Methodists. Free Union Church. General Baptist New Connection. General Baptist New Connection.	7
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Free Gospel and Christian Brethren. Free Gospel Church. * Free Gospellers. Free Methodists. Free Union Church, General Baptist New Connection. * German Evangelical Community. German Lutherans. German Roman Catholics. Glassites	
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The residence of the residence ( ) the pour
* Missionaries.
Modern Methodists.
Moravians.
Mormons.
New Church
New Connection General Bantists
New Connection Weslevans
New Jerusalem Church
New Methodist
Old Bantists
Orthodox Eastern Church
* Newcastle Sailors' Society.  New Church.  New Connection General Baptists.  New Connection Wesleyans.  New Jerusalem Church.  New Methodist.  Old Baptists.  Orthodox Eastern Church.  Particular Baptists.
Peculiar People.
Plymouth Brethren.
Portsmouth Mission
Preshyterian Church in England
* Presbyterian Church of England
Preshyterian Bantiets
* Primitive Congregation
Primitive Free Church
Primitive Methodists
Polish Society. Portsmouth Mission. Presbyterian Church in England. Presbyterian Church of England. Presbyterian Baptists. Primitive Congregation. Primitive Free Church. Primitive Methodists. Progressionists.
Protestant Members of the Church
of England.
Protestants adhering to Articles 1 to
18, but rejecting Ritual.
Protestants adhering to Articles 1 to 18, but rejecting Ritual.  Protestant Union.
Providence.
Quakers.
Ranters.
Rational Christians.
Reformers.
Reformed Church of England.
Reformed Presbyterians or Cove-
nanters.
Recreative Religionists.
Refuge Methodists. Reform Free Church Wesleyan
Reform Free Church Wesleyan
Methodists.
Revivalists.
Revival Band. Roman Catholics.
Roman Catholics.
Salem Society.
Sandemanians.
Scotch Baptists. Second Advent Brethren.
Second Advent Brethren.
*Secularists
Separatists (Protestant). Seventh Day Baptists. Society of the New Church.
Seventh Day Baptists.
Society of the New Church.
Spiritual Church.
Spiritualists.
Strict Baptists.
Swedenborgians.
Temperance Methodists.
Testimony Congregational Church
Trinitarians.
Union Baptists.
Union Churchmen.
Union Congregationalists.
Trinitarians. Union Baptists. Union Churchmen. Union Congregationalists. Union Free Church.
Unionists.
Unitarian Baptists.
Unitarian Christians.
United Christian Church.
Unitarian Baptists. Unitarian Christians. United Christian Church. United Free Methodist Church. United Brethren or Moravians. United Presbyterians. *Universal Christians.
United Brethren or Moravians.
United Presbyterians.
*Universal Christians.
Unsecuarian.
Welsh Calvinistic Methodists.
Welsh Free Presbyterians. Welsh Wesleyan Methodists.
Welsh Wesleyan Methodists.
Wesleyans.
Wesleyan-Methodist Association.
Wesleyan Reformers.
Wesleyan Reform Glory Band.
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Of any furnished dwelling-house or ap for such term exceeds £25	arumenus wi	lere the rer	0	2 6
Of any lands, tenements, or heritable s	subjects exc	ept or other		
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the same duty as a conveyance on	a sale for	the same con	nsider	ation.
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RELEASE STATE OF CLASS OF SELECTION	exceed 35 years, or is indefinite.	but not 100 years.	exceeds 100 years.	j
Not exceeding £5 per annum  Exc. £5 and not exceeding £10  10 ,, 15  15  15  16  17  18  19  10  1	£ s. d. 0 0 6 0 1 0 0 1 6 0 2 0 0 2 6 0 5 0 0 7 6 0 10 0 0 5 0 0 before descrive all been nd short lets	brought tog tings may be	denoted b	er e
CONVEYANCE or TRANSFER, wheth Of any stock of the Governor and England of any stock of the East India Compa of any debenture stock or funded corporation. For every £100, and all of £100, of the nominal amount transle of any property (except such debt as aforesaid):—	Company of ny lebt of any so for any i	the Bank  company fractional pa	of £0 7 1 10 or rt 0 2	9 0 6 ed
Not exceeding £5 0 0 6   I Exc. £5 and not exc. £10 0 1 0   10   11   10   15 0 1 1 6   11   15   15   10   15   10   16   17   15   17   15   17   15   17   15   17   15   17   15   17   15   17   15   17   15   17   15   17   15   17   15   17   17	,, 75 ,, 100 ,, 125 ,, 150 ,, 175 ctional part Y for the so or soldier s or wages ests of any s ment only	erving, of autock—	0 10 0 12 0 15 0 17 1 0 leh 0 5 of 0 0 ny 0 1 0 1 0 1	6 0 6 0 6 0 0 1 0 0 0 0
For the receipt of any sum of money, or promissory note for any sum of mor any periodical payments not exceeding	r any bill oney, not exempt the annument	f exchange ceeding £20,	or	0

For the sale, transfer, or acceptance of any of the Government or	
Parliamentary stocks or funds:— Where the value of such stocks or funds does not exceed £20 0 5	0
In any other case 0 10	
Of any kind whatsoever not hereinbefore described 0 10	
Exemptions.—Letters or power of attorney for the receipt of divide	cks
of any definite and certain share of the Government or Parliamentary sto or funds producing a yearly dividend of less than £3. Letters or power attorney or proxy filed in the Court of Probate in England or Ireland, or	rof
attorney or proxy filed in the Court of Probate in England or Ireland, or	r in
any Ecclesiastical Court.	
BIRTHS, MARRIAGES, AND DEATHS—Certified copy or extract of or from any register of (To be paid by the person requiring such copy or extract.)	1d.
(To be paid by the person requiring such copy or extract.)	
Exemptions.—Copies of entries transmitted to the registrar of the dioc	cese
in pursuance of the 52nd George III., c. 146; certified copies sent by Sujintending Registrars to the General Registrar in pursuance of the 6th	and
7th William IV., c. 86; copies or extracts in pursuance of the 7th Vict. c.	15;
and copies under the 16th and 17th Vict. c. 45, to enable persons to purch	nase
Government Annuities through the medium of savings banks.	CATE
MORTGAGE, BOND, DEBENTURE, COVENANT, WARRANT ATTORNEY to confess and enter up judgment, and FOREIGN SECURI	TY
of any kind. Being the only, or principal, or primary security for the I	oay-
ment or repayment of money—	
Not exceeding £25 £0 0 8 Ex. £150 and not ex. £200 £0 Exc. £25 and not exc. £50 0 1 3 200 250 0	5 0 6 3
Exc. £23 and not exc. £50 0 1 5 ,, 200 ,,	7 6
,, 100 ,, 150 0 2 6 ,, 250 ,, 500 0	
For every £100, or fractional part of £100, of such amount 0	2 6
Being a collateral, or auxiliary, or additional, or substituted security, or by way of further assurance for the above-	
mentioned purpose where the principal or primary security	
is duly stamped, for every £100, and also for every fractional	
part of £100 of the amount secured 0 Transfer, Assignment, Dispositions of Assignation of any mort-	0 6
gage, bond, debenture, covenant or foreign security, or of any	
money or stock secured by any such instrument, or by any	
money or stock secured by any such instrument, or by any warrant of attorney to enter up judgment, or by any judgment.	
For every £100, and also for any fractional part of £100, of the	0 6
amount transferred, assigned, or disposed 0 And also where any further money is added to the money already	0 0
secured, the same duty as a principal security for such further	
Money.	
Reconveyance, Release, Discharge, Surrender, Resurrender, Warrant to Vacate, or Renunciation of, any such security as aforesaid, or of the benefit thereof, or of the money thereby	
aforesaid, or of the benefit thereof, or of the money thereby	
secured:—For every £100, or fractional part of £100, of the	0 6
CHEQUES, DRAFTS, OR ORDERS ON DEMAND 0	0 1
CHEQUES, DRAFTS, OR ORDERS ON DEMAND 0 which must be cancelled by the person drawing the cheque, draft order, by writing his name on the stamp.	t, or
order, by writing his name on the stamp.	0 1
RECEIPTS.—For £2 and upwards 0  N.B. Persons receiving the money are to pay the duty.  Receipts may be stamped within fourteen days of date on payment of	0 1
Receipts may be stamped within fourteen days of date on payment of	£5,
or within one month on payment of £10, penalty: after that time cannot be stamped. Penalty for giving a receipt without a stamp,	they
Penalty for not effectually cancelling or obliterating adhesive stamps v	when
used, £10. Penalty for frauds in the use of adhesive stamps, £20.	
PASSPORT 0	0 6
LEGACIES AND SUCCESSION TO REAL PROPERTY— To children or their descendants, or lineal ancestors of the deceased £1	0 0
Brother or sister, or their descendants 3	0 0
Brother or sister, or their descendants 3 Uncle or aunt, or their descendants 5 Grand uncle or aunt, or their descendants 6	0 0
Grand uncle or aunt, or their descendants 6 All other relations or strangers 10	0 0
The husband or wife of the deceased not chargeable with duty.	0 0
	-
DUTIES PAYABLE ON INHABITED HOUSES OF THE ANNU	AL
VALUE OF £20 OR UPWARDS.	
The duty is 6d. in the pound in respect of dwelling-houses occupied by	

The duty is 6d. in the pound in respect of dwelling-houses occupied by any person in trade who shall expose to sale and sell any goods in any shop or warehouse, being part of the same dwelling-house and in front and on the ground or basement story thereof; or by a person licensed to sell therein, by retail, beer; hotel or coffee-house keeper; or as a farmhouse by a tenant or farm servant, and bona fide used for the purpose of husbandry only. The duty is 9d. in the pound for dwelling-houses and offices not occupied and used for any of the purposes described in the preceding.

Exemptions.—Market-gardens and Nursery-grounds.

PROPERTY AND INCOME TAX.

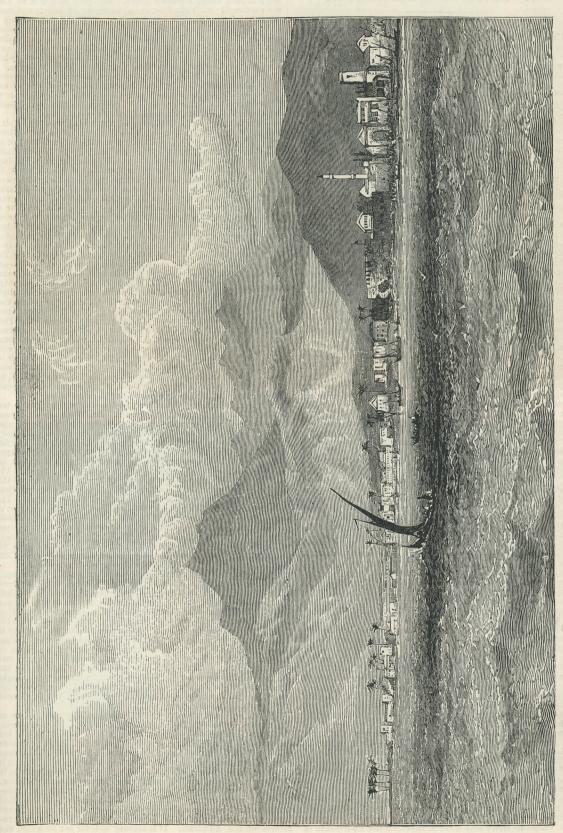
From April, 1879, to April, 1880, the Property and Income Tax is fixed at 5d. in the pound; incomes of £150 per annum and not exceeding £400 are taxed at the rate of 5d. in the pound after allowing an abatement of £120. Exemptions of Premiums from Income Tax.—Premiums paid by a person for an Assurance on his own life or on the life of his wife, or for a deferred Annuity to bis widow, are declared free from income tax, provided such Premiums do not exceed one-sixth of his returnable income.

DOG LICENSES.—EXCISE.			
For dog of any kind	0	7	6
Penalty for keeping a dog without a license	5	0	0
GAME LICENSES.			
If license or certificate be taken out after April 5 and before			
Nov 1 to expire on April 5 in the following year	£3	0	0
License to carry a gun 0 10 0   License to deal in game	2	0	0
LICENSES.			
Stage and Hackney Carriage Drivers and Watermen			
For every Male Servant (Hotel Waiters excepted)			
Carriages with four or more wheels		2	
Carriages with less, and weighing less than 4 cwt	0	15	
Armorial Bearings	1	1	0
On Carriages	2	2	0

# MAY.



D.	D.	ANNIVERSARIES,	(Least)	SUN.	Se of y	Мо	ON.	DURATION	N OF M	OONLIGHT.	and the same	HIGH W	ATER AT	D SPERM	10
OF M.	OF W.	FESTIVALS, OCCURRENCES ETC.	Rises.	Souths	Sets.	Rises.	Sets.	Before Sunrise.	n's	After Sunset.	London	Bridge.	Liverpo	ool Dock.	Day
_	_	the artistan ages of its my	Н. М.	Nooz.	н. м.	Attern.	Morn.	O'Clock.	Moon'	O'Clock. 8 9 10 11 12	Morn.	Aftern.	Morn.	Aftern.	Year.
1	Th	Duke of Connaught born, 1850	4 35	M. S. 2 59	7 21	н. м.	н. м. 2 11		7	10 3 10 11 12	н. м 8 50	н. м. 9 30	н. м. 5 35	н. м. 6 15	121
2	F	Camden born, 551	4 33	3 6	7 23	2 39	2 29		10		10 8	10 40	6 55	7 33	121
3	S	Jamaica discovered, 1495	4 31	3 13	7 21	4 6	2 45		12		11 12	11 40	8 5	8 37	123
4	F	3RD SUNDAY AFT, EASTER	4 29	3 19	7 26	5 35	3 3	1 1 1 1	13			0 5	9 5	9 30	123
5	M	Napoleon I. died, 1821	4 28	3 25	7 27	7 8	3 23		14		0 30	0 55	9 55	10 20	124
6	Tu	St. John	4 26	3 30	7 29	8 41	3 49		0		1 18	1 42	10 43	11 7	126
7	W	Schiller wrecked, 1875	4 24	3 35	7 30	10 3	4 27		16		2 5	2 28	11 30	11 53	120
8	Th.	Half-Quarter Day	4 22	3 39	7 32	11 11	5 16	111,	17		2 53	3 15		0 18	128
9	F	Law Easter Term ends	4 21	3 43	7 33	Midn.	6 21		18		3 41	4 5	0 40	1 6	129
10	S	Indian Mutiny comm-need, 1957	4 19	3 46	7 35	Morn.	7 38		19		4 30	4 55	1 30	1 55	130
11	3	4TH SUNDAY AFT. EASTER	4 17	3 48	7 36	0 34	8 58		20		5 20	5 45	2 20	2 45	131
12	M	Passage of the Douro, 1809	4 15	3 50	7 38	1 0	10 17		21		6 12	6 40	3 10	3 37	132
13	To	Pope Pius IX. born, 1792	4 14	3 51	7 39	1 18	11 33		1		7 10	7 42	4 5	4 35	133
14	W	Illustrated London News first pub- lished, 1842	4 12	3 51	7 41	1 32	Aftern.		23		8 14	8 50	5 7	5 39	134
15	Th	Daniel O'Connell died, 1847	4 11	3 51	7 42	1 46	1 56		24		9 23	10 0	6 15	6 48	135
16	F	Vendôme Column destroyed, 1871	4 10	3 51	7 44	1 58	3 4		25		10 30	11 0	7 25	7 55	136
17	S	Dr. Jenner born, 1749	4 8	3 50	7 45	2 12	4 12		26		11 28	11 55	8 25	8 53	137
18	5	ROGATION SUNDAY	4 6	3 48	7 47	2 27	5 23		27		1002200	0 20	9 20	9 45	138
19	M	Cambidge Easter Term divides, midnight	4 5	3 45	7 48	2 44	6 33		28		0 38	0 57	10 3	10 22	139
20	Tu	Columbus died, 1506	4 4	3 42	7 49	3 6	7 40	7/3//3//3	29		1 17	1 35	10 42	11 0	140
21	W	Marie Edgeworth died, 1849	4 3	3 39	7 50	3 35	8 46		0		1 54	2 10	11 19	11 35	141
22	TH	Ascens. Day. Holy Thurs.	4 2	3 35	7 52	4 12	9 42		1		2 25	2 43	11 50	_	142
23	F	Law Trinity Term begins	4 0	3 30	7 53	5 2	10 30	70 V V V V V V V V V V V V V V V V V V V	2		3 0	3 18	0 8	0 25	143
24	S	Birth of Queen Victoria	3 59	3 25	7 55	6 2	11 7	7.3 (AVA)	3		3 35	3 53	0 43	1 0	144
25	5	SUNDAY AFTER ASCENSION	3 58	3 20	7 56	7 10	11 35		4		4 12	4 30	1 18	1 37	145
26	M	Augustine, Archbishop	3 57	3 14	7 58	8 25	11 57	93030	5		4 50	5 8	1 55	2 15	146
27	Τυ	Duke of Cumberland born, 1819	3 56	3 7	7 59	9 42	Morn.		6		5 30	5 55	2 33	2 55	147
28	W	Earl Russell died, 1878	3 55	3 0	8 0	11 1	0 16		D		6 20	6 47	3 20	3 45	148
29	TH	Alert and Discovery left Ports- inou h, 1875	3 54	2 53	8 1	Aftern.	0 32		8		7 15	7.44	4 12	4 40	149
30	F	Oxford Easter Term ends	3 53	2 45	8 2	1 42	0 49	1/3/3/0	9		8 15	8 49	5 9	5 40	150
31	S	Oxford Trinity Term begins	3 52	2 37	8 3	3 7	1 5	1	10		9 25	9 57	6 14	6 50	151
		ARTER AND AND ARTER AND AREA	115.00	100			4	1 describer	***************************************	the same beautiful and		0 01	0 11	0 001	101



LARNACA, THE MODERN PORT OF CYPRUS.—FROM A DRAWING BY H. HARPER. FROM "THE ILLUSTRATED LONDON NEWS."

в2

# Our Coloured Illustrations.

### A TWELVEMONTH IN LILLIPUT.

The United Kingdom of Great Lilliput and Dwarfland consists of two islands, quite large enough for all their inhabitants, each of whom is personally small. Their geographical situation in the western seas, off the populous Continent of Ingenia, has enriched the Lilliputians with the profits of maritime trade. Many private fortunes have been accumulated, supporting a highly respectable class of squires and their ladies, whose days are mostly spent in social and domestic pastime. The manners and customs of this harmless folk have recently employed the pencil of a Special Artist. He was enabled, by the enterprising liberality of our proprietors, to furnish the Illustrated London Almanack with Sketches made by him during a whole year's residence in that interesting country. Twelve of these, representing the different occupations of leisurely and opulent Lilliputians in successive months of the solar cycle, are reproduced by Messrs. Leighton Brothers in the Colour-Prints of this publication; Mr. George Cruikshank, the younger, is the Artist by whom they were actually drawn.

this publication; Mr. George Cruikshank, the younger, is the Artist by whom they were actually drawn.

It will at once be observed that the fashions of dress, in "Lilliput As It Is," bear some resemblance to those which prevailed in England As It Was, under the reign of some one or other of the Four Georges. The fact is, as every person decently instructed in modern history ought to remember, that Lilliput was conquered by the allied English and Hanoverian armics early in the last century. So it was that their Georgian Majesties used sometimes to visit the islands, holding their tedious Court of periwigs and suntfboxes, frills and furbelows, small swords and canes and fans, drinking their dishes of tea, and talking their indispensable scandal, or playing at Faro and Pope Joan, or discussing the merits of a vase, a picture, a pug-dog, a poetical epistle, a soprano singer, or Sir Robert or Sir Paul. Hence it came to pass that the Lilliputian nobility and gentry, male and female, adopted such remarkable costumes; the one sex equipped with huge coatcollars and stuffy neckoloths, tight breeches, Hessian boots, or delicate silk stockings and pumps, and preposterous cocked hats; the other, with bonnets like big dish-covers, surmounted by great bunches of ribbons, feathers, and flowers; short-waisted gowns of stout bombazine or taffeta, none of your flimsy printed stuffs; all the apparel of your great-great-grandmother, if you ever had any such relation. How do you know that you ever had? Look at those funny little folk of our fantastic Lilliput again; they toil not, neither do they spin, but divert themselves in diverse methods during the twelve changeful months of the full revolving year. We can tell you their proper names, their tastes and humours, their mutual friendships, firtations, jealousies, and quarrels, neighbourly acquaintance in the pleasant country town of Idleville, a fashionable spa of medicinal waters, and a favourite residence of families who want to kill their time and spend their money. It is situat

and on Wednesday evenings in the Idleville season.

The Lilliputian year, so far resembling the European, begins with the month of January. It is, by another coincidence, apt to be cold in that month. Natural philosophers have observed, as well there as in other climates of the globe, that cold beyond a certain degree has the effect of converting water into ice. The surface of this frezen crust over the rivers and ponds invites to the exercise of skating. For this purpose, we are informed, a peculiar apparatus is contrived, to be worn on the feet; a pair of "skates," as they are called, wooden clogs or sandals, with iron plates attached beneath the soles, enable the skater to glide swiftly and gracefully upon the ice, turning with the slightest effort in any direction. Two couples of Lilliputian gentry, Sir Tim Bilberry and his lady in the foreground of the view, and Mr. and Miss Crimp, of Parsleydale, wheeling off to the right, may be seen in the first Coloured Illustration. We are glad to see Lady Bilberry takes good care of herself by wrapping up well in a furred pelisse, with a sufficient muff and boa, though she will scarcely need the protection of that clumsy umbrella.

It was from Miss Crimp, who is fond of gossip, that we gathered the story of Captain Quinchy's ardent suit to Araminta Silkstone, the great colliery heiress, and the proposal of marriage he brought her, in a Valentine letter with a stuck heart, on the Fourteenth of February. Araminta, you know, was brought up a Quakeress, though she has gone in for the worldly gaieties since the death of her guardian uncle, Ebenezer Plain. She professed not to know the custom of St. Valentine, or the meaning of hearts and darts, when the letter was presented to her, while she was staying at Lady Bilberry's house. But Miss Crimp is sure that was merely prudish affectation. She observes that the whole system of gallant mythology, from Cupid, whose bust of marble stands in the drawing-room, to the aforesaid symbols of amorous torment which adom the wall-paper, is constantly on view at Bilberry House. It was impossible for Miss Silkstone to be so ignorant of what every girl and woman knows by instinct from the earliest age of consciousness. And she received a heap of other Valentines on the same day, which Betty was seen to lay upon the pianoforte, beside the young lady's chair, for her deliberate perusal.

same day, which Betty was seen to lay upon the pianoforte, beside the young lady's chair, for her deliberate perusal.

The inclemency of much that passes for Spring weather is felt at Idleville as frequently as in any town or village of our own beloved land. The violence of March winds has a disturbing effect on the composure of orderly pedestrians. Sir Tim Bilberry and the ladies of his family, who make a point of walking to church on Sundays, that the coachman and groom may not be obliged to break the Fourth Commandment, have sometimes the Sabbatical starch wellingh blown out of them at the exposed corner of the wide Market Square. It was there too, as Miss Crimp tells us, that a grand specimen of feminine headgear, the new chapeau à la Tour de Babel, from Madame Folles Filles, of Pomp-street, was overthrown by the rude vehemence of a sudden gust. This sumptuous article of apparel, with its muslin and satin appendages of portentous breadth, went sailing through the air, and up the wide archway of the Poultry Market, to the delight of mischievous boys. Sir Tim Bilberry, like a knight of chivalry, bravely pursued the chase and restored the fugitive chapeau to its distressed owner. The ground that day being dry and clean, it may be hoped that her Ladyship's finery was not fatally damaged. More unfortunate was the plight of her visitors, Mr. and Mrs. Whetmore, of Draggleton, when they dined with her on that rainy Tuesday in the third week of April. They had ordered their own carriage to meet them at the Park gate, as it was fine when they started to walk down the avenue; but the man did not come, and they had to trudge home through the lane, under a tremendous shower, by which they were thoroughly soaked. The lady, indeed, had norrowed a pair of pattens from Molly Russet, the lodge-keeper's wife, and both were furnished with umbrellas; but it was a most disastrous day, for Mr. Whetmore especially, who got cold from wet feet, having only his stockings and thin pumps, instead of He-sian boots.

his stockings and thin pumps, instead of Hessian boots.

"Oh, charming May!" There is a poetic and romantic tradition that this is the month of flowers. Dr. Watts, in his Hymns for Infant Minds, ventures to affirm that the rose is the peculiar glory of April and May. We have not found it so, but May has a few wild flowers of its own, and some of garden culture. The fair and flattered Araminta will deign to accept of a bouquet of such early growth, presented by her polite adorer, with a speech indirectly expressive of his sentiments regarding herself. The shrubbery in his grounds is full of fresh young verdure at this season of the promising year, which finely sets off the fair white marble of the classic scatuary and the Grecian colonnade. The elegant owner of this artitical paradise himself affects the grace of a Grecian bend. He is a perfect gentleman of the period; dressed, too, in the most perfect taste, with a morning gown of striped nankeen, a modest shirt-frill and ruffles, and a more than military cocked hat, while the watch-chain and seals at his fob, and his respectable crutched walking stick, prove the sedateness of his character as a county instice of the peace.

cocked hat, while the watch-chain and seals at his fob, and his respectable crutched walking-stick, prove the sedateness of his character as a county justice of the peace.

Another scene presents itself in June, when settled Midsummer weather invites some of the nobility to infulge in all fresso luncheon, beside the Fountain of Pan, which serves to cool their Liebfraumilch from the Rhine, where the napkin is spread on a stone sarcophagus, once the receptacle of a Senator's or a Proconsul's mortal remains. We have seen, perhaps, in the Villa Borghese Gardens at Rome, or somewhere at Naples, a party of ladies and gentlemen, or it might be a couple on their Italian wedding tour, who contrived to treat themselves with a picnic of this piquant sort, surrounded by the monuments of antiquity and of masterly art. Chicken-and-ham pie is none the worse, or the peaches and nectarines of the sweet south, or the mellow draught of generous wine, for having the feast laid out of doors, under the green trees, at the mimic shrine of a Pagan tutelar deity, supposed to haunt the pleasant grove.

More in agreement, however, with ordinary English customs of life, is the July entertainment of a Regatra, with its yacht-races, and the fashionable company of spectators assembled in the balcony of a Marine Hotel. Here, if anywhere, is the "creme de la creme" of the finest society in the world, attired in the most scrue-ptious millinery and tailory that heart can desire; and it is to "Le Follet," or "Myra's Journal," or "Le Moniteur de la Chiffonerie," that the reader must refer for a sufficient description. Woman's mission, rightly understood, is to serve as a moving exhibition of costly textile stuffs, on behalf of exorbitant West-End tradesmen. The duty and glory of a fine gentleman is to lounge by her side, and, for his own part, to maintain a consistent profession of Nil Admirari. It is all very well for her to watch the sailing-vessels with a certain degree of interest, and to propose



MAY: - FLOWERS.



JUNE: - A PICNIC.



THE ORPHAN, BY J. PARKER.
FROM "THE ILLUSTRATED LONDON NEWS."

## REMARKABLE OCCURRENCES, &c., 1877-1878.

AUGUST, 1877.

28. Official announcement of the emancipation of slaves in Madagascar. 29 Boat accident off Kinsale five

men drowned.
31. General Grant received the freedom of the City of Ediaburgh.
— Strike of 10,000 colliery opera-

tives at Bolton.

### SEPTEMBER.

3. Death of M. Thiers from apoplexy Capture of Lovatz by the

4. The French Government ordered a public funeral to M. Thiers. 7. The Cleopatra obelisk launched

at Alexandria.

10. Capitulation of Nicsics to the

10. Capitulation of Nicsics to the Montenegrins announced.
11. Capture of the Grivitza redoubt and three other Turkish positions around Plevna.

— M. Gambetta sentenced to three months' imprisonment, and to pay 2000 francs fine.

— Collision between and wreck of Collision between and wreck of Collision between and wreck of

the Avalanche and Forest off Port-land, with a loss of over 100 lives The Great Yorkshire Handicap at Doncaster won by Mr. Cartwright's Albert Edward.

12. The St. Leger won by Lord Falmouth's Silvio.

- Defeat of Hafiz Pasha by Monte-

negrins reported.

13. General Grant presented with the freedom of the City of Glasgow.

— The Portland Plate at Doncaster won by Lord Rosebery's

14. The Doncaster Cup won by

Mansion House Indian Famine Relief Fund amounted to £160,000.

17. Despatch published from Mr. 17. Despara-Santley announcing across Africa. 18. Great robbery on the Union

18. Great robbery on the Union Pacific Railway.

— Conference of Count Andrassy and Prince Bismarck at Salzburg.
21. Cicopatra's Needle dispatched from Alexandria.
24. A Turkish force with large supplies, after engagements with Russians, reached Plevna to reinforce Osman Pache.

Osman Pasha.
25. The Court of Aldermen, for

25. The Court of Aldermen, for the second time, rejected Sir John Bennett's election.

— Mr. Gladstone's correspondence with M. Negropontis published.

— The Great Eastern Handicap

— The Great Eastern Handicap won by Mr. Harris's Mandarin. 27. Mr. V. Lushington's resig-nation as Permanent Secretary to the Admiralty announced. — Mr. Gladstone spoke on the war and coercion at Nottingham.

The Queen sent congratulations to the Lord Mayor on the Indian Famine Relief Fund reaching a quarter of a million.

### OCTOBER.

2. Army promotions and retirements warrant under the new regulations gazetted.

Conference of Librarians opened

— Mehemet Ali superseded by Suleiman Pasha and Raouf Pasha. — General Todleben arrived at

Plevna.

3. Sir John Bennett elected for the third time Alderman of the Ward of Cheap, polling 210 against 107 by Mr. Breilit.

4. The Montenegrin campaign 4. The Montenegrin campaign closed for the year.
8. High tide and overflow of the

Thames.

The Cesarewitch won by Mr. R. Jardine's Hilarious.

11. Terrible colliery explosion at Messrs. Pemberton's Pit, near Wigan. Thirty-six persons killed.—Middle Park Plate at Newmarket won by Beauclerc, and the

Champion Stakes by Springfield.

12. Inverary Castle nearly destroyed by fire.

— M. Gambetta sentenced to three months' imprisonment and a fine of 4000f.

Mukhtar Pasha's army defeated by the Grand Duke Michael before Thirty-six guns captured and many prisoners taken, including seven Pashas.

— Tremendous gales, causing ex-

tensive damage and loss of life Cleopatra's Needle abandoned in th Bay of Biscay. Wreck of the Scotch ship Loch Fyne and loss of nine lives.

16. The Court of Aldermen for the

third time vetoed the election of Sir

John Bennett.

18. Cleopatra's Needle recovered. - Prince Albert Victor and Prince George of Wales went on board the Britannia training-ship at Dart-

Britannia mouth.

22. A Kaffir outbreak reported from the Cape.

23. The Court of Aldermen elected 23. The Court of Aldermen elected Mr. Edgar Breffit to the vacant seat

or the Ward of Cheap.

The Cambridgeshire won by Prince d'Arenberg's Jongleur.

Great destruction by a storm in

Egypt. Dr. Baxter Langley and Mr. 25. Dr. Baxter Languey and Samdlehurst sentenced to eighteen months' imprisonment, and Saffery to twelve months, for conspiring to defraud the Artizan's Dwellings

company.

26. The Hon. A. H. Thesiger appointed Lord Justice of Appeal.

30. Capture of Telische by the Russiaas officially confirmed.

31. New Thames Steam Ferry

opened.

### NOVEMBER.

8. The Liverpool Cup won by Mr.

15. The Inverpool Cup won by Mr. Blake's Arbitrator.

15. The Montenegrins carried by assault all the defences of Antivari.

— The Order of the Star of India

— The Order of the Star of India conferred upon Cherif Pasha, the Egyptian Foreign Minister.

18. The Storming of Kars by the Russians. Capture of the forts and 300 guns, with 10,000 Turkish prisoners; 5000 Turks and 2700 Russians reported killed.

20. The trial of the detectives, after lasting twenty days, closed; Clarke acquitted, Meiklejohn, Druscovich, Palmer, and Froggatt, the solicitor, sentenced to two years' hard labour. sentenced to two years' naru mount.

26 The Russians captured the fortified town of Etropol.

— Canada awarded 5½ million dollars by the Fisheries Commissioners under the Washington Treaty.

30 A majority of the Judges

30. A majority of the Judges decided that the proprietors of a paper were not crimually responsible for a libel, provided they had appointed a competent editor and were not actually cognisant of the offend-

### DECEMBER.

4. Henry de Tourville's death entence commuted to eighteen

4. Henry de Tourvine's death sentence commuted to eighteen years' penal servitude. 5. Capture of Popkoi by the Turks. — The Earl of Carnarvon spoke on the relations of English and

on the relations of English and French Freemasons.

— An Athens telegram reported the discovery of another tomb in the Acropolis at Mycene.

10. Osman Pasha attempted to

10. Osman Fasna attempted to escape with his army from Plevna, but after a severe battle surrendered with his entire army, and Plevna was occupied by the Russians.

12. Turkish defeat at Metchka.

15. The Queen pays a visit to the Earl of Beaconsfield at Hughenden.
17. The Czar arrived at Bucharest.
— The Russians captured Arda-

nutch, in Armenia.
20 The Powers abstained from mediation. The Servians captured Ak

25. Capture of Kurshumlia by the Servians.

26. Capture of the Turkish transport steamer Messina, with troops, stores, and money. - Don Carlos ordered to leave

Paris.

— The British fleet left Besika
Bay for the Gulf of Vourlah, near Smyrna.

29. Her Majesty's Government appealed to by the Sultan to mediate with the Czar with a view to peace.

### JANUARY, 1878.

1. General Gourko crossed the Etropol Balkans and advanced upon

Sofia.

— The Mansion House Indian
Famine Fund reached half a million

4. The new "Imperial Order of the Crown of India" conferred on the Princess of Wales, all her Majesty's daughters, the Duchess of Edinburgh, and twenty-nine other

ladies.
8. Capture of the Trojan Pass by

8. Capture of the Trajanthe Russians.

— Insurrection in Crete.

— The Sultan ratified the conditions of an armistice to be produced and ordered it to be submitted

to the Russian commanders.

9. Capture of the entire Turkish Schipka army after a severe engage-

ment — Death of King Victor Emmanuel and proclamation of Prince Humbert as King of Italy. 10. Suicide from the Whispering

10. Suicide from the Whispering Gallery at St. Paul's.

— Antivari surrendered to the

Montenegrins ,11. Nisch capitulated to the Servians.

16. Experiments with the telephone in London.
17. Parliament opened by com-

- Frederick Dimsdale sentenced

to penal servitude for life in the forged leases case. 18. Turkish delegates received by the Grand Duke Nicholas to arrange

an armistice. 21. Cleopatra's Needle arrived in

the East India Docks.

— The Russian army occupied - The R

22. Suleiman Pasha, after being defeated by General Gourko, embarked his army for transport to

Constantinople.

— Mr. H. M. Stanley returned from Africa.

The Prince of Wales unveiled - The Prince of water unveiled the Prince Consort statue at Cam-

bridge University.

23. Marriage of the King of Spain to the Princess Mercedes.

24. Sir S. Northcote asked a special

24. Sir S. Northcote asked a special supplementary estimate of £6,00,000 for military and naval services.

— The Russian terms of armistice made known to the Porte.

25. Lord Carnarvon resigned his office of Colonial Secretary.

— Excitement on the Stock Exchange on the news that Parliament was to be asked to not the Parliament was to be asked to not the Stock.

ment was to be asked to vote money for military preparations.

Turkey accepted the Russian terms of peace.

28. Resignation of the Right Hon.

Russell Gurney, Q.C., as Recorder. 29. Leith election: Mr. A. Grant

29. Leith election: Mr. A. Grant (L), 4927; returned.
— Perth election: Mr. C. S. Parker (L), 2206; returned.
— War excitement in Greece; fighting in Thessaly.
30. Destruction of a Turkish steamer by torpedoes off Batoum.
— Lord Charles Bruce returned for Markhouseph. for Marlborough.

### FEBRUARY.

 Greek troops invaded Thessaly.
 The Grand Vizierate of Turkey abolished.

— The Prince of Montenegro ac-

— The Frince of Montenegro accepts the armistice.

— The Duke of Northumberland appointed Lord Privy Seal, and Sir M. Hicks-Beach Colonial Secretary.

— Colonel Moray (C), 2439, returned for Perthshire.

5. In the House of Lords, discussion on the position of Greece towards Turkey.

In the Commons, after an inci-— In the Commons, after an incident between Mr. Hardy and Mr. Trevelyan, the debate on Mr. Forster's amendment was continued. Speeches by Sir W. Harcourt, the Solicitor-General, and others.

— Lord Derby received a deputation of Greek merchants.

Colonel E. W. Harcourt (C) returned unopposed for Oxfordshire.
 Russia objected to a Conference in Vienna.
 Greece decided to withdraw her

troops from Turkey.
7. Lord Derby announced the advance of the Russians to within thirty miles of Constantinople.

— Panic on the Stock Exchange,

and general excitement.

— Death of Pope Pius IX., aged

eighty-six.
8. Six of her Majesty's ships ordered to proceed from Besika Bay

to Constantinople.

— Occupation by the Russians of the defences of Constantinople.

11. The Sultan refused a firman for the passage of the British fleet through the Dardanelles.

War excitement in Greece renewed.

13. The British squadron, consisting of six ships, passed through the

Dardanelles. 15. The British squadron arrived at Prince's Island, near Constantinople.

— Further fighting with Kaffirs

reported.

18. The British fleet removed from Mudania Bay to Touzla, seventeen miles from Constantinople. At same time the Russian troops withdrew from Samidie redoubt.

- Princess Charlotte of Germany — Frincess Charlotte of Germany married to Prince Bernhard of Saxe-Meiningen, and Princess Elizabeth of Prussia to the Hereditary Grand Duke George of Oldenburg.

20. Army estimates showed a net

20. Army estimates showed a net increase of £492,100.

— The steam-ram Mendouhiyé purchased by the Government.

— Cardinal Pecci elected Pope, with the title of Leo XIII.

21. Understanding come to with the Russian Government that Gallipoli should not be occupied by Russian or English troops.

The Channel Fleet left Gibraltar

The Channel Fleet left Gibraltar for the East.

22. The Master of the Rolls shot at at the entrance to his court.

Waterloo Cup won by Coomassie, the Plate by Palmflower, and the Purse by Adelaide.

24. The Grand Duke Nicholas and part of the Russian provious etc.

part of the Russian army arrived at San Stefano.

25. Austria reported to be making

25. Austria reported to be making extensive military preparations.

— The Jowakis accepted the British peace conditions.

— Egyptian finance statement by Mr. Goschen and M. Joubert pub-

lished. 26. Russian occupation of Erzeroum.

27. Colonial Marriages Bill carried by 182 to 161.

- The London School Board budget published; amount required for the ensuing year, £546,803. - Lord Napier of Magdala ap-

Magdala appointed Commander-in-Chief of any pointed Commander-in-Chief of any expeditionary force that might be sent out in case of war, with Sir Garnet Wolseley as chief of the staff. 28. Suspension of Messrs. Willis, Percival, bankers, of 76, Lombard-street, liabilities £650,000.

### MARCH.

1. Viscount Bury becomes Under-Secretary of State for War in room of Earl Cadogan, transferred to the Colonial Office.

2. The Duke of Abercorn invested

2. The Duke of Abercorn invested King Humbert with the Garter.
3. Signature of peace preliminaries between Russian and Turkish delegates at San Stefano; rejoicings at St. Petersburg.

— Death of Mr. Joseph Bonomi, curator of Soane's Museum.

— Coronation of Pope Leo XIII.
4. Navy Estimates showed an increase of £82.072.

crease of £82,072

— The Cleopatra salvage suit before the Admiralty Court, which appraised the value of the ship and Needle at £25,000.

Needle at £25,000.

8 Terrible colliery explosion in Craigends Pitt, Kilsyth.

11. The Russians occupied villages close to Constantinople.

Spread of the insurrection in

Spread of the insurrection in the Greek provinces.
12. In the Commons, a vote of censure on Mr. Layard respecting the Negroponte affair rejected by 236 to 132.

- Colliery explosion at Kearsley, near Bolton-43 lives lost.

14. Hereford election: Colonel Arbuthnot (C), 1110; returned.
15. The Rev. H. Dodwell tried for shooting at the Master of the Rolls,

acquitted on the ground of

The Kaffir outbreak—further

revolt reported.

17. The ratifications of the Treaty of San Stefano exchanged at St. Petersburg.

18. Russian objections to lay the

18. Russian objections to lay the whole of the Peace Treaty before the Congress, as demanded by England.

— Mr. W. Gore-Langton elected for Mid-Somersetshire.

— Mr. Edward Wingfield appointed Assistant Under-Secretary in the Colonial Office, vacant by the retirement of Mr. W. R. Malcolm.

22. Text of the treaty of peace published.

published. 24. Her Majesty's ship Eurydice

capsized in a snowstorm and squall off the Isle of Wight; 326 lives lost, two only being saved.

25. A public reception given to Osman Pasha at Constantinople.
27. Lincoln Handicap won by Kaleidoscope.

Kaleidoscope.

— Explosion in the Burley pit of the Apedale Colliery, near Hanley; twenty-three lives lost.

28. Resignation of the Earl of Derby announced.

— Worcester election: Mr. Allerott (C), 2609; returned.

— Grovernment presention of the

erott (U), 2609; returned.

— Government prosecution of the manager of the Albion Life Assurance Society and others.

29. Panic on the Stock Exchange; fall of 4 per cent in Russian Bonds; Consols 948, §.

— The Grand National Steeplechase won by Shifnal

chase won by Shifnal.

## APRIL.

1. Lord Beaconsfield announced

1. Lord Beaconsfield announced her Majesty's intention to call out the Army Reserves.
2. Lord Derby relinquished the seals of the Foreign office, which were transferred to Lord Salisbury; Mr. G. Hardy taking the seals of the Secretary of State for India; and Colonel Stanley becoming Secretary for War, succeeded by Sir H. Selwin-Ibbetson as Financial Secretary to the Treasury.

the Treasury.

— Sir Charles Adderley resigned the Presidency of the Board of Trade

The Earl of Leitrim, his clerk, — The Earl of Lettrin, insciers, and the cardriver, shot dead.

— Belfast election: Mr. Ewart (C) returned.

(C) returned.

— Circular despatch published from Lord Salisbury to the British Embassies abroad relating to the

treaties of peace.

— Murder of Mr. Ogle, the Times

— Murder of Mr. Ogle, the Times correspondent at Volo, in Thessaly.

3. Lord Sandon appointed President of the Board of Trade, Lord George Hamilton Vice-President of the Committee of Council on Education, and Mr. E. Stanhope Under-Secretary for India.

4. The Charnellor of the Exchequer brought up the Budget—Twopence in the pound added to the income tax, the dog license increased to

tax, the dog license increased to 7s. 6d., and 4d. a pound added to the tax on tobacco.

6. Sir Gilbert Scott buried in

Westminster Abbey.

11. Prince Gortschakoff's reply accompanying the annexe to Lord Salisbury's despatch published.

16. Sir C. B. Adderley gazetted to the peerage as Baron Norton.

17. South Northumberland election, double return: Mr. Ridley (C), 2912; Mr. Grey (L), 2912. — A contingent of about 7000

Indian native troops ordered to proceed to Malta.

Great strike in the Lancashire cotton trade commenced.
21. Fearful hurricane on the
Spanish coast, 300 fishermen

22. Eighty thousand operatives on

23. Mr. R. W. Hanbury (C) returned for North Staffordshire 24. The Queen returned to Windsor from Osborne.

- Tamworth election : Mr. Hamar

- Tamworth election: Mr. Hamar Bass (L), returned, 1186; Colonel Bridgeman (C), 607. 29. First detachment of Indian troops sailed for Malta. 30. City and Suburban won by

### MAY.

1. Opening of the Paris Exhibition. Metropolitan Stakes won by

Mida.

— Disturbance at Burnley among

— on strike.

2. At Sandown Park, the Princess of Wales's Plate won by Caramel.
3. Mr. G. Hardy raised to peerage,

by the title of Viscount Cranbrook.
6. The Russian Ambassador had an interview with the Prime Minister. - Successful observations of the transit of Mercury.

7. Foreign Office correspondence respecting Russia and Roumania

published.

S. Count Schouvaloff left London for St. Petersburg.

— The Two Thousand Guineas Stakes won by Pilgrimage.

- Trade returns for April showed a decrease of two millions on the imports, and of one million on the

exports. 9. Cons 9. Congratulatory address presented to Earl Russell.

10. The One Thousand Guineas Stakes won by Pilgrimage.

11. Attempted assassination of the erman Emperor by a Socialist,

Hödel. 15. Renewal of the riots in Lancashire; the Riot Act read at Blackburn, Burnley, Accrington, &c.

— The Chester Cup won by

Pageant.

Pageant.

Viscount Lewisham (C) returned for West Kent.

16. The Queen sanctioned the marriage of the Duke of Connaught

with the Princess Louise Margaret

17. Oxford University: Mr. Talbot (C) returned. Reading: Mr. Palmer (L) returned, 2223.

(L) returned, 2223.
21. Congress on the National Water Supply.
24. Henry George King, wholesale chemist, charged at Epping with having sold violet powder containing arsenic, by which deaths and much illness had been caused.
28. Death of Earl Russell.

29. Severe fighting with Kaffirs

29. Severe agreements
reported.
30. The Voltaire Centenary celebrated in France.

— The Hon, and Rev. Ward Carr
Glyn appointed Vicar of Kessington.

— An understanding between the
British and Russian Governments British and Russian Gove signed at the Foreign Office.

31. The Government offer of a public funeral in Westminster Abbey for the late Earl Russell refused.

- The German ironclad Grosser Kurfürst sunk after collision off Folkestone. Upwards of 300 lives lost.

## JUNE.

2. The German Emperor shot at nd wounded by Dr. Nobiling, a Socialist.

3. Ministers accepted an invitation

to the Berlin Congress to discuss the whole Treaty of San Stefano. Lord Beaconsfield and Lord Salisbury Plenipotentiaries.

4. All the European Cabinets accept the invitation to the Congress.
5. The Derby won by Sefton.

mear Wigan.

The Oaks won by Jannette.

The award for the purchase of Waterloo Bridge announced at £475,000.

11. Lord Beaconsfield arrived in Berlin, and had a conference with Prince Bismarck. 12. Death of King George of

Hanover.

— The Manchester Cup won by

13. The Congress in Berlin opened 14. Southampton: Mr. Giles (C), 2552; returned.

2552; returned.

— Rochester: Mr. Otway (L),
1284; retu.ned.

— Text of the Anglo-Russian
Agreement published.

18. Banquet to commemorate the
repeal of the Test and Corporation
Acts.

19. The Berlin Congress decided
to admit Greece to a consultative
voice in questions affecting Greek
interests.

The Royal Hunt Cup at Ascot

— The Royal Hunt Cup at Ascot won by Julius Cessar. 20. Gold Cup at Ascot won by Verneuil, and the Rous Memorial Stakes by Petrarch. 23. Extraordinary thunderstorm thunderstorm

and rainfall in north and south London; Metropolitan Railway flooded by a sewer.
26. The Northumberland Plate

by a sewer.

26. The Northumberland Plate
won by Glastonbury.

27. Turkish protest against the
proposed Austrian occupation of
Bosnia and Herzegovina.

30. Hospital Sunday collections in
all the metropolitan places of wor-

ship.

1. Mr. Forster's amendment to the Cattle Diseases Bill rejected by 319

Turkey consented conditionally 3. to the occupation of Bosnia and Herzegovina by Austrian troops. 4. Middlesborough: Mr. Wilson

4. Middlesborough: Mr. Wilson (L) returned, 5307.
5. In the House of Lords the Public Health (Ireland) Bill read a

second time. Mr. Roberts (L), 1636, returned

for Flint. - The Berlin Congress settled the

— The Berlin Congress settled the Greek question.

9. Terms of the Anglo-Turkish Convention and Lord Salisbury's despatch published.

11. Formal possession of Cyprus taken by England.

taken by England.

— Great excitement in Canada owing to the Orange celebrations.

12. Wimbledon: the Silver Medal of the Queen's Prize was won by Private Lowe, Queen's Westminster. Sir Garnet Wolseley and staff left for Cyprus.

15. Berlin Treaty and a map laid

on the table of the House of Lords.

— Wimbledon meeting; the
Armourers' Prize won by Private

Evans, of Inns of Court.

16. Lord Beaconsfield and the Mar-

quis of Salisbury receive an enthusiastic reception on returning from the Berlin Congress.
17. Lord Salisbury had an audience

of the Queen.

— The Liverpool Cup won by

Strathraore. — Sir Garnet Wolseley and staff arrive at Malta on their way to Cyprus. 18. Lord Beaconsfield's statement in House of Lords on the Congress and the Anglo-Turkish Convention.

and the Anglo-Turkish Convention.

— The first contingent of Indian troops landed at Cyprus.

— H.M S. Eurydice towed into Sandown Bay.

19. Wimbledon; the Loyd-Lindsay Prize won by the Dorset Yeomanry; the Duke of Cambridge's by Major Wanne 39th Middless. Young, 39th Middlesex. 22. Lord Beaconsfield invested by

22. Lord Beaconsfield invested by the Queen with the Order of the Garter. Garnet Wolseley disem-- Sir

barked at Cyprus.

23. Prime Minister brought up a message from her Majesty announc-

7. Upwards of 200 lives ost by an ing the approaching marriage of the explosion in the Woodbit Colliery, Duke of Connaught with the third Duke of Connaught with the third daughter of Prince Frederick of

Prussia.

25. The distinction of C.B. conferred on Mr. Montagu Corry and Mr. Philip Currie.

26. The K.C.B. conferred on Lord Tenterden, Mr. E. Hertslet, General Sir Lintorn\*Simmons the distinction of G.C.B., and Captain Ardagh, R.E., C.B. R.E., C.B.

### AUGUST.

5. Strike of Cabmen in Paris.6. The Chancellor of the Exchequer explained his Supplementary Budget, stating there was a total deficit of £6,517,000, of which £2,210,000 would be met by the surplus revenue, £2,000,000 would be raised by Exchequer bills, and the balance held

over.

— Severe fighting with the insur-

gents in Bosnia reported.

— The Formosa won her Majesty's cup at the Royal Yacht Squadron

Regatta.
7. Sir H. D. Wolff appointed British member of the European Commission for the organisation of Eastern Roumelia.

Brighton Cup won by Pageant. Brighton Cup won by Pageant.
 Royal assent given to the Duke of Connaught's marriage bill.
 Commission appointed to inquire into the parochial charities of the City of London.
 12. Foundation stone of the Wil

12. Foundation-stone of the Wilberforce memorial church at Southampton laid by the Prince of Wales.

— The Indian Transfer Loan (1879) of ten millions sterling, to redeem the 5½ per cent entaced paper, issued.

13. Naval review by the Queen at Snithead

Spithead. - Defeat of Austrian troops by

Bosnian iusurgents.

14. The Ministerial fish dinner at Greenwich.

Patitish Association met in The British Association met in

15. Austro-Turkish Convention respecting the occupation of Bosnia

signed.

signed.

16. Parliament prorogued.

The King and Queen of Denmark arrived in London.

Execution of Hoedel for the attempted assassination of the Emperor of Germany.

19. Capture of Serajevo by the Austrians, after desperate fighting.

Mr. Justice Keogh reported to have, in a fit of insanity, inflicted injuries upon his valet.

injuries upon his valet.

— Torpedo experiments before the Queen, the Prince of Wales, and the King of Denmark.

— British Archæological Congress

at Wishech Monetary Conference in Paris.
The Duke of Connaught had a

public reception at Heligoland.
20. The Hospital Sunday Fund
(amounting to £24,460) distributed. Congress on Prison Reform at

 Congress on Prison Reform at Stockholm.

 The Alert commissioned by Sir G. Nares for a scientific cruise in the South Pacific.

— An American (Mr. Fowler) crossed the Channel in an indiarubber collapsible canoe, with a propeller worked by the feet, in twelve hours. 21. Capture of Stolatz, in Bosnia,

by the Austrians. A waterspout in the Solent.
International Law Congress held

at Frankfort. - Ottoman Chargé-d'Affaires presented at the Foreign Office a copy of the Turkish circular refusing to accede to the claims of Greece to ter-

ritorial aggrandisement. ntorial aggrandisement.

22. Suspension of Messrs. Virtue
and Co., Daldy, Isbister, and Co.,
and Messrs. Tinsley Brothers, of
Catherine-street, publishers.

— Celebration of the silver wedding of the King of the Belgians.

— Death of the heir-apparent to
the throne of Afghanistan announced.

23. Newastle-under-Lympe elec-

23. Newcastle-under-Lyme elec-tion—Mr. Edge (L),1330; Mr. Hudson

JULY.



-	D.	STATE OF THE WORLD AND A	1	SUN.	Epily 7	Me	00N.	DURATIO	N OF M	OONLIGHT.	I STATE	HIGH V	VATER AT	Total and	1-
D OF	OF	ANNIVERSARIES, FESTIVALS,	D4	Souths	0.4	Rises. Sets.		Before Sunrise.		Arter Sunset.	London	Bridge.	Liverpo	oel Dock.	Day
M.	w.	OCCURRENCES, ETC.	Rises.	Noon.	Sets.	Aftern.	Morn.	O'Clock.	Moon'r	O'Clock.	Morn.	Aftern.	Morn.	Aftern.	Year.
	rr3.	Princess Alice married, 1862	H. M.	M. S.	н. м.	н. м. 6 27	н. м.	0 1 2 3 4		8 9 10 11 12	н. м.	н. м.	H. M.	н. м.	
1	W	Selement in a plantable	3 48	3 30	8 18	20.11	0 51		12		11 3	11 40	7 53	8 28	182
2		Harriet Martineau died, 1876	3 49	3 42	8 17	7 34	1 41		13		-	0 15	9 5	9 40	183
3	TH	Dog Days begin	3 50	3 53	8 17	8 23	2 46		0		0 45	1 15	10 10	10 40	184
4	F	Garibaldi born, 1807	3 51	4 4	8 16	8 58	4 4	4	15		1 43	2 10	11 8	11 35	185
5	S	Oxford Trinity Term ends	3 52	4 14	8 16	9 23	5 28		16		2 35	2 58	Noon.	2 7 8	186
6	2	4TH SUNDAY AFI. TRINITY	3 53	4 24	8 15	9 43	6 50		17		3 22	3 45	0 23	0 47	187
7	M	John Huss burnt, 1415	3 54	4 34	8 15	9 58	8 8		18		4 5	4 28	1 10	1 30	188
8	Tu	Adam Smith died, 1790	3 56	4 44	8 14	10 10	9 25		19		4 49	5 8	1 53	2 14	189
9	W	Fire Insurance due	3 56	4 53	8 14	10 24	10 37	18 18 18 18 18 18 18 18 18 18 18 18 18 1	20		5 27	5 45	2 33	2 52	190
10	TH	London Bridge burnt, 1212	3 57	5 2	8 13	10 39	11 46		21		6 5	6 25	3 10	3 30	191
11	F	The Tongue Light-ship run down, 1877	3 58	5 10	8 13	10 54	Aftern.		1		6 45	7 7	3 50	4 10	192
12	S	John A. Kinglake (author) died, 1870	3 59	5 18	8 12	11 13	2 7		23		7 30	7 52	4 32	4 55	193
13	3	5TH SUNDAY AFT. TRINITY	4 0	5 25	8 11	11 37	3 16		24		8 17	8 47	5 17	5 42	194
14	M	Bastile destroyed, 1789	4 1	5 33	8 10	Morn.	4 24	20 10 11 11 17	25		9 20	10 0	6 12	6 45	195
15	Tu	St. Swithin	4 2	5 39	8 9	0 8	5 28		26		10 35	11 10	7 25	8 0	196
16	W	Length of Day, 16h. 5m.	4 3	5 45	8 8	0 48	6 22		27		11 45	1000	8 35	9 10	197
17	TH	Dr. Watts born, 1674	4 4	5 51	8 7	1 42	7 6		28		0 16	0 45	9 41	10 10	198
18	F	Lady Franklin died, 1875	4 5	5 56	8 6	2 48	7 41		29		1 8	1 30	10 33	10 55	199
19	S	Spanish Armada defeated, 1588	4 6	6 1	8 5	4 1	8 7		0		1 50	2 10	11 15	11 35	200
20	5	6TH SUNDAY AFT. TRINITY	4 7	6 5	8 4	5 17	8 28		1		2 29	2 48	11 54	_	201
21	M	Robert Burns died, 1796	4 9	6 8	8 3	6 37	8 46		2		3 5	3 25	0 13	0 30	202
22	Tu	St. Mary Magdalene	4.10	6 11	8 2	7 57	9 3		3		3 45	4 3	0 50	1 10	203
23	W	Length of Day, 15h. 49m.	4 11	6 13	8 0	9 16	9 18		4		4 23	4 42	1 28	1 48	204
24	TH	Princess Victoria of Prussia born,	4 12	6 15	7 58	10 38	9 35		5		5 0	5 21	2 7	2 25	205
25	F	St. James	4 14	6 16	7 56	Aftern.	9 54		6		5 42	6 2	2 46	3 7	206
26	S	St. Anne	4 15	6 16	7 54	1 26	10 18		D		6 25	6 48	3 27	3 50	207
27	5	7TH SUNDAY AFT, TRINITY	4 17	6 16	7 53	2 52	10 48		8		7 13	7 40	4 13	4 38	208
	M	Cowley died, 1667	4 19	6 16	7 51	4 13	11 32		9		8 10	8 48	5 5	5 35	209
29	Tu	Battle of Beylau, 1832	4 21	6 14	7 50	5 23	Morn.		10		9 27	10 10	6 13	6 52	210
	w	William Penn died, 1713	4 23	6 12	7 49	6 16	0 30		11		10 55	11 37	7 35	8 20	211
31	TH	Gray died, 1771	4 24		7 47	6 56	1 42		12			0 14	9 2	9 39	212
1		oraș arou, riii		2 10!		3 00	- 12	- Familia is				0 11	2	0 00	



ANTE-ROOM RADZIWILL PALACE, BERLIN: EARL BEACONSFIELD, PRINCE GORTSCHAKOFF, MOHAMET ALL.
FROM "THE ILLUSTRATED LONDON NEWS."

## LIST OF EMINENT PERSONS WHO HAVE DIED DURING THE PAST TWELVE MONTHS.

Memoirs of all of whom, with the Arms and Portraits of some, will be found in the ILLUSTRATED LONDON NEWS.

> 1877. JUNE.

Hartley, George, Esq., H.B.M. Consul at Fernando Po, Africa.-H.B.M. 10.

Miller, Major Alexander Grant, R.A. 19.

AUGUST.

AUGUST.

Blenkinsop, Lieutenant-Colonel.—27.

Booth, Sir Williamson, Bart.—26.

Bouverie, the Rev. William Arundell, Hon. Canon of Norwich.

Brinckman, Lady Cecilia.

Clarke-Travers, Sir William Henry

St. Lawrence, Bart.—31.

Cunard. Edward, Esq.—29.

Davidson, William Gordon, Esq., late Inspector-General of Hospitals.—26.

Girdlestone, Colonel William Bolton.

-19. Greene, Henry Aylmer, Director of

Greene, Henry Aylmer, Director of Contracts.—25.

Jeans, John Joshua, Esq., H.B.M. Vice-Consul Catania, Sicily.—25.
Holland, the Rev. John Murray, M.A., Rector of Stanton St. John, Oxon.—25.
Larcom, Commander Thomas Henry, R.N.—14.
Laughlin, the Rev. Frederick Hamilton, M.A., late Assistant and Librarian of the British Museum.—23.
Lindsay. William Schaw. Fsq.—28

rian of the British Museum.—23, Lindsay, William Schaw, Esq.—28, Money, Colonel William Taylor, Madras N.I.—20. O'Brien, John Henry, Esq., Com-mander R.N.—16, Oldfield, Colonel Francis John.—24, Onslow, the Rev. W. L., Rector of Sandringham, and Chaplain to the Prince of Wales. Parks, Murray, Commander R.N.— 27.

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Engineers.—16.
Waterman, Colonel Thomas Peach.

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James.—28.

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Frederick Marow, R.A.—30.

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17

Hambio, Baron Charles Joachim.—17.

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17.

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St. John Mildmay, the Hon. Mrs.
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MacDonnell, Bridget, Lady.—13.

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Murray, Baroness.—26.
Greyt Admiral the Hon. Sir Fradorials

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Grey, Admiral the Hon. Sir Frederick
W., G.C. B.—2.
Grey, Sir William, K.C.S.I.—15.
Gregg, the Right Rev. John, D.D.,
Bishop of Cork.—26.
Gurney, the Right Hon. Russell,

Gurney, the Right Hon. Russell, M.P.—31. Innes, Sir James Milne, Bart., J.P.,

D.L.—11. Jephson, Henry, Esq., M.D., J.P.—

Martin, Philip Wykeham, Esq,

Martin, Philip Wykeham, Esq, M.P.—31.
Mitchell, Sir William, Kt.—1.
Newburg, the Right Hon. Maria Cecilia. Countess of Russell, John, Eurl, K.G.—28.
Tat, the Rev Crauford, M.A., Vicar of St. John's. Notting-hill.—29.
Thompson, Major-General Pearson Scott, C.B.—1.
Whittingham, Major-General Feedi.

Whittingham, Major-General Ferdinand, C.B. Williams, Henrietta Charlotte, Lady

Woodrooffe, the Rev. Thomas M.A., Canon of Winchester.—14.

JUNE. Abinger, the Dowager Lady.—3.
Aldworth, the Rev. John, Canon of
Cloyne.—12.
Arthur, Sir Frederick Leopold,

Arthur, Si Ashburnham, the Right Bertram, Earl of.—22.

Bertram, Earl of.—22.
Back, Admiral Sir George, D.C.L.,
F.R.S.—23.
Bolckow, Henry William Ferdinand,
Esq., M.P.—18.
Bowlby, Lieutenant-Colonel Alfred

owlby, Picton. William

Picton.
Bryant, William Cullen, Esq.,
American Poet.—12.
Burton, the Rev. Langhorne Burton,
M.A., Rector of Bag Underby and
Somersby.—25.
Clay, Sir George, Bart.—30.
Cotter, Colonel George Sackville,
R.A.—25.
Daunt, the Very Rev. Achilles,
D.D., Dean of Cork.—17.
Eyton, Peter Ellis, Esq., M.P.—19.
Graham, Lord Montagu William.—
21.

21.

Groves, the Rev. William Kynaston,
A.M., Rector of Thorpe, Derbyshire.—11.
Hall, Admiral Sir William Hutcheon,
K.C.B., F.R.S.—25.
Hardy, Sir Thomas Duffus, D.C.L.,
LL.D.—15.
His Majesty George Frederick Alexandra

ander Charles Ernest Augustus, ex-King of Hanover, Duke of Cumberland. -12. Herbert, The Hon. Letitia Dorothea.

-14.

H. J.—1.

Jackson, Lieut.-Colonel Hungerford

Deedes, R.A.—9.

Decles, C Mathews, C Charles, Esq., eminent Matthews, Charles, Esq., eminent actor.—24.

Mayne, Lieutenant-Colonel Charles
T. Otway.—24.

M'Bean, General William, V.C.—23.

Miles, Sir William, Bart—17.
Montgomery, the Right Hon. Sir
Henry Conyngham.—24.
Munro, Major St. John, H.B.M.
Consul at Montevideo.—18.

Suttie, Sir George Grant, Bart., J.P., Suffie, Sir George St. D. L.—19.
D. L.—19.
Taylor, Julia Marianne, Lady.—13.
Taylor, Julia Right, Hon. William Tighe, the Right Hon. V

Frederick Fownes, F.C.—11.
Turner, Lieutenaut-Colonel Thomas
Hawkins.—18.
Ward, W. G., Esq., Mayor of Nottingham.
Wray, the Rev. George, M.A.,
Canon of York.—26.

JULY.

Babington, General William Knox. Biddlecombe, Captain Sir George,

R.N., C.B.
Browne, the Hon. Edward Miles
David, Captain R.N.—27.
Cameron, Major-General John, R.E.,

Cameron, Major-General John, R.E., C.B.—I.
Carruthers, William Francis, Esq., J.P., D.L.—16.
Clark, John Howard, Esq., Editor of the Register newspaper of Adelaide, Australia.

Clay, Lieutenant-Colonel Sir George, Bart.

Conroy, the Most Rev. George, D D., Bishop of Ardagh and Clonmac-

Crane, Commander Poynter, R.N.-20. Dalling and Bulwer, Lady.

Dalling and Bulwer, Lady.

Galway, Lieutenant-General Sir

Michael, K.C.B.—22.

Gardner, Rear-Admiral Alan Henry,
C.B.—30.

Gell, Major-General John Sher
brooke -16.

Gell, Major-General John Sherbrooke.—16.
Gribble, the Rev. Cauon, F.R.A.S.,
Chaplain to H.M. Embassy, Constantinople.—25.
Helpman, Rear Admiral Philip
Augustus.—23.
Johnstone, Admiral Sir William
James Hope, K.C.B.—11.
King, Colonel Arthur—12.

King, Colonel Henry.—1.
Leahy, Colonel Arthur.—18.
M'Gaw, Sergeant Samuel, V.C.
Miller, Colonel John Leonard.—1.
Mildmay, the Ven. C. A. St. John,
Archdeacon of Essex.
O'dham, Dr. Thomas.—17.
Parker, Lady.—11.
Row, Major-General W. S.—16.
Saunders, the Very Rev. Augustus
Page, O.D., Dean of Peterborough.
—21.

-21. Scriven, Colonel John.—19. Sinclair, Prebendary of Chichester Cathedral.—8.

Cathedral.—8.
Stephens, General Henry Sykes,
K.H.—6.
Thomson, General Harry.
Wentworth. Fanny, Baroness.—13.
Wilkinson, Dr. Eason.—26.
Yelverton, Admiral Sir. Hastings
Reginald, G.C.B.—24.

Adams, Colonel William Scott.—12.
Barham, the Rev. Charles Henry,
M.A. J.P., formerly Rector of
Barming.—15.
Chalmers, Lieut.—Col. Robert.—11.
Chelsea, Viscount.—2.
Dirom, Rear-Admiral James.—12. Dynevor, Right Hon. Lord.—3. Ennis, Sir John, Bart.—8. Knight, Rev. Wm., Canon, M.A.—6. Mainwaring, Sir Stapleton Thomas,

Bart.-4. Martin, Lady Viva Jane Maria.-5.

Martin, Laby viva Jane Maria.—b. Christina ex-Queen of Spain. Oakes, Major-General. Seymour, Lady Georgina.—20. Tatham, the Rev. Alfred, M.A., Minor Canon of the Collegiate Church, Southwell.—1. Ward, Lieutenant-Colonel William

George.-10.

# AUGUST.



-	1 1	Control of the contro		SUN.		1 200	OON.	DUBATION OF M	foovi icum	l was n	ATER AT		
D. OF	D. CF	ANNIVERSARIES, FESTIVALS,	BAYE	Souths	1 100	Rises.	Sets.	Defens Cumulas I @	After Sunset.	London Bridge.	Liverpoo	l Dock.	Day
M.	W.	OCCURRENCES, ETC.	Rises.	Noon.	Sets.	Aftern.	Morn.	O'Clock.	O'Clock.	Morn. Aftern.	-	Aftern.	Year.
			н. м.	M. 8.	н. м.	н. м.	н. м.	0 1 2 3 4	8 9 10 11 12	н. м. н. м.	н. м.	н. м.	-
1	F	Lammas Day	4 25	6 7	7 46	7 24	3 2	13		0 45 1 13		10 38	213
2	S	Battle of Blenheim, 1704	4 26	6 3	7 44	7 45	4 24			1 40 2 5	11 5	11 30	214
3	3	8th Sunday aft. Trinity	4 28	5 58	7 42	8 3	5 44	15		2 26 2 47	11 51	_	215
4	M	Bank Holiday	4 30	5 53	7 41	8 17	7 2	16		3 7 3 25	0 12	0 32	216
5	Tu	Lord Howe died, 1799	4 31	5 48	7 40	8 30	8 17	17		3 45 4 3	0 50	1 10	217
6	W	Duke of Edinburgh born, 1844	4 33	5 41	7 38	8 45	9 28	18		4 20 4 37	1 28	1 45	218
7	Th	Name of Jesus	4 35	5 35	7 36	9 1	10 39	19		4 55 5 10	2 2	2 20	219
8	F	Length of Day, 14h. 58m.	4 36	5 27	7 34	9 17	11 50	20		5 25 5 42	2 35	2 50	220
9	S	Greenwich Observatory com- menced, 1675	4 38	5 20	7 32	9 39	Aftern.	21		6 0 6 18	3 7	3 25	221
10	2	9TH SUNDAY AFT. TRINITY	4 40	5 11	7 31	10 6	2 10	D		6 35 6 58	3 43	4 0	222
11	M	Dog Days end	4 41	5 2	7 29	10 43	3 15	23		7 20 7 50	4 23	4 45	223
12	Tu	Grouse Shooting begins	4 42	4 52	7 27	11 30	4 12	24		8 20 8 58	5 15	5 45	224
13	W	Old Lammas Day	4 44	4 42	7 25	Morn.	5 1	25		9 45 10 30	6 23	7 10	225
14	祖'	Sir Colin Campbell died, 1863	4 45	4 32	7 23	0 29	5 39	26		11 8 11 45	7 55	8 33	226
15	F	Sir Walter Scott born, 1771	4 46	4 21	7 21	1 41	6 9	27		_ 0 18	9 10	9 43	227
16	S	Severe Storms in the Midlands, 1877	4 47	4 9	7 19	2 58	6 34	28		0 45 1 7	10 10	10 32	228
17	2	10th Sund. Aft. Trinity	4 49	3 57	7 17	4 17	6 53			1 29 1 50	10 54	11 15	229
18	M	Beattie died, 1803	4 51	3 44	7 15	5 37	7 10	1		2 10 2 27	11 35	11 52	230
19	Tu	Earl Russell born, 1792	4 52	3 31	7 13	6 58	7 26	2		2 45 3 3	_	0 10	231
20	W	Black Game Shooting begins	4 53	3 17	7 11	8 22	7 43	3		3 20 3 39	0 28	0 45	232
21	TH	The fifth Duke of Northumber- land died, 1867	4 55	3 3	7 9	9 46	8 2	4		3 58 4 18	1 4	1 23	233
22	F	Battle of Bosworth Field, 1485	4 57	2 48	7 7	11 11	8 23	5		4 37 4 55	1 43	2 2	234
23	S	Sir W. Herschel died, 1822	4 59	2 33	7 5	Aftern.	8 51	6		5 15 5 35	2 20	2 40	235
24	2	11th Sund. Aft. Trinity	5 1	2 17	7 3	2 0	9 30	D		5 58 6 23	3 0	3 23	236
25	M	Professor M. Faraday died, 1867	5 2	2 1	7 1	3 13	10 23	8		6 50 7 19	3 48	4 15	237
26	Tu	Louis Philippe died, 1850	5 3	1 45	6 59	4 12	11 30	9		7 52 8 30	4 44	5 17	238
27	W	Algiers bombarded, 1816	5 5	1 28	6 57	4 56	Morn.	10		9 17 10 10	5 55	6 42	239
28	Th	St. Augustine	5 7	1 11	6 55	5 26	0 45	11		10 55 11 35	7 35	8 20	240
29	F	St. John Baptist beheaded	5 8	0 53	6 53	5-50	2 5	12		- 0 10	9 0	9 35	241
30	S	Length of Day, 13h. 41m.	5 10	0 35	6 51	6 9	3 26	13		0 40 1 5		10 30	242
31	2	12TH SUND. AFT. TRINITY	5 12	0 16	6 49	6 24	4 42			1 28 1 50	10 53		243
	-		-			0 21				2 201 2 00	20 0011	10	210



JULY: — A REGATTA.



AUGUST: — HARVEST.



NORTH COAST VIEW, FROM ST. HILARION, OF THE MOUNTAIN CHAIN OF KYRENIA, CYPRUS. FROM "THE ILUSTRATED LONDON NEWS."

## THE POPULATION OF THE EARTH.

We learn from Behm and Wagner's statistical work on the population of the earth that the estimate of population of the globe for the past year amounted to 1,423,917,800, and the area of the land surface they calculate to be 51,340,000 square miles, thus giving an average density of about 28 people to one square mile. These data are apportioned among the various divisions of the globe as nearly as possible as follows:—

12 gg 1 138				Square Miles.	Inhabitants.	Square Mile
Europe				3,776,493	 309,178,300	 82
Asia				17,079,383	 824,548,500	 48
Africa				11,415,894	 199,921,600	 171
Australia	and P	olynesi	a	3,381,210	 4,748,600	 1 1-3
America				15,687,840	 85,519,800	 51/3

It is stated that the area of the land surface of the globe has decreased It is stated that the area or the land surface of the globe has decreased in a year as much as 83.349 square miles. This decrease mainly affects America, and may be attributed to the result of a more accurate and extended survey of the United States. In all the other divisions of the land surface, however, the area is given as less than the previous year, and this has had the effect, along with the absolute increase of the population, of slightly raising the density per square mile. The increase of the population is estimated in a year as upwards of 27,000,000.

The following are the populations of the various States of Europe, according to latest estimates:—

ing to latest estimates :-

Germany, 1875 42,723,242 | Spain, 1870 

 Germany, 1870
 ...
 24,120,222

 Austro-Hungary, 1876
 ...
 37,700,000

 Switzerland, 1870
 ...
 2,669,147

 Netherlands, 1875
 ...
 3,809,527

 ... 16,551,647 Andorra ... Portugal, 1874 12,000 4,298,881 | 101cugan 1614 ... 4,228,881 | 11aly, 1875 ... 27,482,174 | Monaco, 1878 ... 5,741 | Monaco, 1878 ... 5,741 | Monaco, 1878 ... 7,816 | Turkey, entire population 31,000,000 | Roumania, 1873 ... 5,073,000 | Servia,1875 ... 1,377,068 27,482,174 5,741 7,816 Belgium, 1874 Luxemburg, 1875 Russia, 1870 5,336,634 205,158 71,730,980 4,383,291 1,802,882 Sweden, 1875 Norway, 1875 5,073,000 1,377,068 190,000 ... Norway, 1875 ... Denmark, 1876 ... France, 1872 ... Great Britain, 1876 1,903,000 36,102,921 Montenegro ... 36,102,921 ... 33,450,000 Greece, 1870 1,457,894

Demmark, 1876 ... ... 1,903,000 Montenerro ... ... 190,000 France, 1872 ... ... 36,102,921 Great Britain, 1876 ... ... 33,450,000

The dates indicate the years in which the data were obtained on which Behm and Wagner have based their estimate. In the case of Great Britain, of course, the estimate is founded on the returns of the Registrar-General, for there has been no formal census since that of 1871. In the case of other countries in which the estimate is given for the years 1875 and 1876, it is the result generally of a regular census, for several Continental Governments are not content, like ourselves, with a census once every ten years. Since 1871 the population of Germany has increased by 1,693,762. There seems to have been a census taken in Norway in January of the present year, the details of which have not been published, though Behm and Wagner give the probable total as 1,815,000, an increase of about 12,000 on the estimate for 1875. The increase in the case of Great Britain over the estimate for 1875 is 352,000. Portugal shows an increase of about 310,000 since 1871, and, if the population of the Azores and Madeira be added, it will raise the number in the table by 378,681. The population of Turkey proper is given as 8,500,000; Roumania, 4,459,277; and Servia, 1,377,068, a little over one third being Mohammedans. The population of the whole of the Turkish empire in Europe, Asia, and Africa is given as 47,660,000, 20,500,000 being claimed by Egypt, Tripoli, and Tunis, and 13,000,000 by Asia. The total population of Russia, both in Europe and Asia, is set down as 86,586,000, being an increase of 900,000 over the estimate for 1875. As might be surmised, this increase is mainly in Central Asia, and arrises from additions to territory. The area given for the whole of the Russian empire is 8,465,500 square miles, being an increase of 26 000 square miles, with a population of 4,650,213.

The entire population of Asia is larger by about 25,000,000 than the estimate given in last year's issue of Behm and Wagn

33,299,014.

According to late statistics, the whole population of Australia amounts to 1,867,000; of New Zealand to 421,326. In the Fiji Islands the native population seems to be rapidly decreasing. It is calculated now not to exceed 70,000, while the whites, who in 1872 numbered 2940, were last year

exceed 70,000, while the writes, who in 1072 humbered 2030, were has year only 1650.

With regard to Africa, the population of Algeria was in 1875 estimated to be 2,448,961. The population of Egypt shows a slight increase over last year, being now 17,000,000

The inhabitants of Port Said now number 9650, and of Ismailia 3779. The British possessions in South Africa show an increase of territory and population, the latter numbering according to latest data, 1,338,702.

There is an increase over the whole of America of upwards of 1,200,000

latest data, 1,338,702.

There is an increase over the whole of America of upwards of 1,200,000 over the number given last year. This increase seems to a considerable extent due to the fact that more recent statistics have been obtained since last year, the data in many instances referring to 1875 and 1876. The population of Newfoundland—e.g., is that of 1874, and is 161,386, showing a large increase over that of 1869. Canada is still 3,672,116, and the United States nearly 40,000,000. Mexico stands at 9,276,079, and this must be from quite recent data, as last year's number was that of 1872. The Central American States show a slight decrease, the number this year being 2,828,164; the West Indies, 4,316,178, and all South America 26,309,700, of which Brazil claims upwards of 11,000,000.

About 215 towns contain 100,000 or more inhabitants. There are twenty-nine towns whose population reaches or surpasses 500,000. Those at or above a million are—Berlin, 1,045,000; Canton, 1,000,000; Tondon (1876), 3,459,428; New York with Brooklyn (1875), 1,535,622: Paris, 1,851,792; Seangtan, Shanchowfu, and Singanfu (China), each 1,000,000; and Vienna, 1,001,999.

The entire area of British possessions abroad is given at 7,964,752 square miles, with a population of 203,941,766, excluding, of course, the protected Indian States. The average increase of population is largest in

England. While its birth-rate is not so high as that of some other States, its death-rate is among the lowest. It seems probable that at the end of the present century the population of England and Wales will have risen to 30,000,000. Next in rank in respect to increase of population come Sweden and Denmark, both with a moderate birth-rate, but an exceedingly low death-rate, that of Denmark being the lowest of any of the nine States. The population of Sweden might be expected to rise to about 5.500,000 by the end of the century, and that of Denmark to 2.250,000. Next in order stood Prussia, which has a very high birth-rate and a very high death-rate, which latter, however, is steadily decreasing, and the population of Prussia might be expected to be about the same as England at the end of the century. It is known that the population of the century. It is known that the population of Prussia highly calculated that the great Empire of Central Europe would have about 50,000,000 in the year 1900. The Netherlands stood fifth in the list as to increase, with a birth-rate nearly equal to England, but a much higher death-rate, and the population will probably be 5,000,000 by the end of the century. These five States, England, Sweden, Denmark, Prussia, and the Netherlands—all, it will be noted, inhabited by Teutonic races—virtually comprised all out of the nine in which there was a tendency to marked increase of population. In three more, Austria, Spain, and Italy, the birth-rate is high, but the death-rate is still higher, with a tendency even to mount upwards, and thay growth of population, therefore comparatively slow. Still Austria and Italy might before the century had run out, and Spain nearly 1,000,000. The only country among the nine enumerated—and probably the only State of Europe—showing scarcely any increase of population whatever is France. As exhibited in the figures of one of the tables giving the average annual birth-rate and death-rates, these were not very far from equal. The returns for the twenty-two

## THE POPULATION OF TURKEY.

THE POPULATION OF TURKEY.

The Turkish census is of a very imperfect character, owing to the fact that the Government returns exclude not only all adult women but also nonadults of both sexes. The age at which boys in Turkey become liable to tribute is eighteen for Muslims, and twelve or thirteen for non-Muslims. By the treaty of Berlin certain provinces of the Danube and Bosnia have been lost to the Sultan. The population of the province of the Danube as last given was 907,714, which, when made to include women and children, would give a total of 2,723,322; that of Bosnia, 2,829,384. Sofia, 231,369; Nish, 287,000; and, together with Shehr-Kijayi, 200,000: when tripled, these give a total of 1,950,540. Grand total of losses, 7,503,296. The further losses of Roumania, 5,073,000; Servia, 1,366,923; Montenegro, 185,000; tetal, 6,524,923; bring up the Turkish loss to 14,000,000; and if to this the loss of East Roumelia, 1,000,000, be added it will give a total of 15,000,000. The population of Turkey in Asia is estimated at 24,000,000, but this is exclusive of Arabs and Egyptians. The district ceded to Russia in Asia, consisting of one half of the country of Lazistan or Batoum, that is of about 35,000 males; and that of Childir and Kars. 84,622, gives an additional total of 360,000 souls, nearly all Muslims, and deducts another 500,000 of the Sultan's subjects, most of whom are of Turkish race and speech.

The population of the Island of Cyprus is given at 21,700 adult males, which means about 65,000 in all. The entire estimated population still stands at a total of 31,000,000. exclusive of the African dependencies. The Turks now number 12,000,000; Arabs, 9,000,000; Armenians, 2,000,000; Greeks, 2,000 000; Albanians, 2,000,000; Kurds, 1,000,000; and, mixed, Christians, Jews, Muslims, Turkomans, &c., 3,000,000.

POPULATION OF TURKEY, 1878, BEFORE THE WAR.

	Jaks	schitsch's Nu	mbers.	From Sal-Nama, for 1878.				
Provinces.	Muslims.	Non- Muslims.	Total.	Triple of Male Adults for Women and Children.	Non- Muslims.	Muslims.		
Constantino.	183,540	144,210	327,750	983,250	432,630	550.620		
Chatalja	Omitd.			64,107	? 32,054	? 32,630		
Adrianople	523,009	831,558	1,354,567	2,597,568	1,247,337	1,350,231		
Danube	819,226	1,175,601	1,994,827	2,723,322	1,763,401	959,921		
Selanik	429,410	598,731	1,028,141	1,653,837	898,097	755,740		
Kosova	789,934	550,537	1,340,471	2,519,316	825,805	1,693,511		
Bosnia	493,148	864,836	1,357,984	2,829,384	1,297,254	1,532,130		
Yanya	250,649	460,601	711,250	1,104,156	690.900	413,256		
Iskodra	Omitd.			366,567	? 183,283	183,283		
Total Conti-			Killia Maria	THE HARM				
nental	3.488.916	4,626,074	8,114,990	14,841,507	7,370,761	7,470,746		
Crete	38,000	162,000	200,000	628,869	243,000	385,869		
Total	3.526,916	4,788.074	8,314,990	15,470,376	7,613,761	7,856,615		

Great American Countries.—Hitherto little or no account has been given of any other part of America than the United States, but a table is now introduced giving some few particulars relating to the chief countries of America. The area of the United States is put at 3,603,800 square miles, and the population at 40,000,000 souls. Canada, 3,512,268 square miles, and 3,718,745 population; Brazil, 3,218,166 square miles, and 10,700,187 population; the Argentine Republic, 1,619 463 square miles, and 2,250,000 population; Mexico, 743,713 square miles, and 9,343,470 population; Columbia, 726 384 square miles, and 3,000,000 population; Peru, 642,376 square miles, and 3,199,000 population; Bolivia, 507,598 square miles, and 2,200,000 population; Venezuela, 403,155 square miles, and 1,800,000 population; Chili (exclusive of Patagonia), 122,939 square miles, and 2,068,424 population. The other countries are smaller and less populous.

### BANK OF ENGLAND.

Founded, 1694. Capital, £14,553,000.

BURLINGTON-GARDENS, W. THREADNEEDLE-STREET, CITY. Governor, E. H. Palmer. Deputy Governor, J. W. Birch. Directors

B. B. Greene
H. R. Grenfell
H. H. Gibbs
John S. Gilliat
C. H. Göschen
T. Hankey H. W. Blake H. H. Berens H. Brooks R. W. Crawford M. W. Collet' J. P. Currie Chief Accountant, John Francis. Secretary, H. Chubb.

H. L. Holland J. G. Hubbard Thos. N. Hunt C. F. Huth George Lyall W. Lidderdale A. Matheson James Morris D. Powell, jun A.C.deRothschild A. G. Sandeman C. Weguelin

Chief Cashier, Frank May. Solicitors, Messrs. Freshfield.

### TRANSFER DAYS AT THE BANK.

TRANSFER DAYS AT THE BANK.

All Stocks on Tuesdays, Wednesdays, Thursdays, and Fridays. Private Transfers may be effected at other times, providing the books are not closed, by paying 2s. 6d. for each Transfer. Tickets for preparing the Transfer of Stock must be given in at the Bank of England before one o'clock. Expenses of Transfer in Bank Stock for £25 and under, 9s.; above that sum, 12s.; India Stock, £1 10s.

Powers of attorney for the sale or transfer of Stock are to be left at the Bank, &c., for examination, one day before they can be acted upon; if for receiving dividends, they may be presented at the time the first is payable. Probates of Wills, Letters of Administration, and other proofs of decease must be left at the Bank, &c., for registration, for two or three days.

If Life Annuities be transferred between Jan. 5 and April 4, or between July 5 and Oct. 4, dividends are payable on Jan. 5 and July 5. If transferred between April 5 and July 4, or between Oct. 5 and Jan. 4, dividends are payable on April 5 and Oct. 5. Transferred at the National Debt Office, Old Jewry.

The dividends are paid to the public three days after the dates named; if

are payable on April 5 and Oct. 5. Transferred at the National Debt Office, Old Jewry.

The dividends are paid to the public three days after the dates named; if a Sunday intervene, four days after. The hours for buying and selling are 10 to 1; for transferring, 11 to half-past 2; for accepting, 9 to 3; for payment of dividends, 9 to 3. Transfer-books are closed at 1p.m. on Saturdays. Dividend Warrants issued as follows:—1. To the fundholder personally at the Bank of England. 2. Under Power of Attorney, free of stamp duty or any other charge. 3. By post within the United Kingdom. Fundholders who desire to have their Dividend Warrants sent by post must fill up a form, obtainable at the Bank of England or its branches, and at all money-order offices. For joint accounts, all the parties in whose names the fund stands must sign in favour of the one to whom the warrant is to be sent. Post warrants will be crossed "and Co.," and can be cashed at any money-order office, or paid away as ordinary bankers' cheques. Notice should be given to the Bank of the non-reception of any warrant which has been directed to be sent by post.

Under the provisions of an Act passed in 1871, the following are the dividend days and periods of redemption of the various Stocks:—

Denomination.	Half-Yearly Dividend.	Period of Redemption.				
Consolidated Three per Cent Annuities Reduced Three per Cent Annuities	(January 5) July 5 (April 5 (October 5) (January 5)	Any time after passing of Act, agreeably to the regulation therein.  Any time after Jan. 5, 1873.				
New Five per Cent Annuities  New Three per Cent Annuities	(July 5) (April 5) (October 5) (January 5)	Any time after Oct. 10, 1874.				
New Three-and-a-Half per Cent Annuities Two-and-a-Half per Cent Annuities	July 5 January 5 July 5	Any time after Jan. 5, 1894.  Any time after Jan. 5, 1894.				

## LONDON AND WESTMINSTER BANKERS.

Addison and Co., 20, Regent-street. Agra Bank, 35, Nicholas-lane. Alexanders, Cunliffes, and Co., 30, Lombard-street.

Alliance Bank, Bartholomew-lane. Anglo-Austrian Bank, 31, Lombard-

Anglo-Egyptian Bank, 27, Clement'slane. Anglo-Hungarian Bank, 46, Lom-

Anglo-Italian Bank, 16, Leadenhallstreet. Australian

Joint-Stock Bank, 18, King William-street.
Bank of Australasia, 4, Threadneedle-

street. Bank of British Columbia, 5, East

Bank of British Columbia, 5, East India-avenue, E C. Bank of British North America, 3, Clements-lane, E C. Bank of Egypt. 26, Old Broad-street, Bank of Montreal, 9, Birchin-lane. Bank of New South Wales, 64, Old Broad-street. Bank of New Zealand, 1, Queen

Victoria-street.

Bank of Otago, 5, Adam's-court, Old Broad-street. Bank of Queensland, 26, Old Broad-

Bank of Roumania, 15, Moorgate-

street.
Bank of Scotland, 45, Lothbury.
Bank of South Australia, 54, Old Colonial Bank, street Within.

13, Bishopsgate-

Bank of Victoria, 3, Threadneedle-st. Barber, James, Son, and Co., 136, Leadenhall-street.

Barclay, Bevan, and Co., 54, Lombard-street. Barnett, Hoare, andCo., 62, Lombard-

street.

Biggerstaff, W. and J., 63, West
Smithfield, & Metropolitan CattleMarket, Islington.

Birkbeck Bark, 29 and 30, Southampton buildings, Holborn.

Bosanquet, Salt, and Co., 73, Lombard-street.

Brooks and Co.

Brooks and Co., 81, Lombard-street. Brown, Janson, and Co., 32, Ab-church-lane.

church-lane.
Brown, J., and Co., 90, Cannon-street.
Central of London Bank, 52, Cornhill.
Chartered Bank of India, Australia,
and China, Hatton-court, Threadneedle-street.

Chartered Mercantile Bank of India London, and China, 65, Old Broad-

cheque Bank, 124, Cannon-street, and Cockspur-street.
Child and Co., 1, Fleet-sreet, Temple-

bar bar. City Bank, 5, Threadneedle-street; 34, Old Bond-street; 159, Tottenham-court-road; and Edgware-road. Cocks, Biddulph, and Co., 43, Charing-

Lombard-street, E.C.
Cocks, Biddulph, and Co., 43,
Charing-cross.
Cox and Co., 1 and 2, Craig's-court, SW
Coutts and Co., 59, Strand.
Cunlifie, Sons, and Co., 6, Princesstreet, E.C.
Delhi and London Bank, 76, King

William-street, City.
Dimsdale, Fowler, and Barnard, 50,
Cornhill.

Cornhill.
Drummonds, 49, Charing-cross, S.W.
East London Bank. 51, Cornhill; 110,
High-street, Whitechapel; 26,
Tooley-street, Borough; and 31,
High-street, Shoreditch.
English Bank of Rio de Janeiro,
13, St. Helen's-place, Bishopsgate.
English, Scottish, and Australian
Chartered Bank, 73, Cornhill.
Fuller, Banbury. Nix, and Co., 77,
Lombard-street.
German Bank of London, Bartholo-

Lombard-street.

German Bank of London, Bartholomew House, E.C.

Gillett, Brothers, and Co., 72, Lombard-street.

Glyn, Mills, and Co., 67, Lombard-st.

Goslings and Sharpe, 19, Fleet-street.

Green, Tomkinson, and Lloyd, 32,

Nish, sharp Lorent Lorent Street.

Green, Tomkinson, and Lloyd, 32, Nicholas-lane, Lombard-street. Grindlay and Co., 55, Parliament-st. Hampshire Banking Co., Thread-needle-street; and 29, Oxford-

street.

Harwood, Knight, and Allen, 17,
and 18, Cornhill.

Herries, Farquhar, and Co., 16, St.
James's-street.

Hickie, Borman, andCo., 14, Waterloo-

Hickie, Borman, and Co. 14, Waterloo-place; and 127, Leadenhall-street. Hill and Sons, 17, West Smithield; and Cattle Market. Hoare, Messrs., 37, Fleet-street. Hong-Kong and Shanghai Banking Corporation, 31, Lombard-street. Hopkinson and Co., 3, Regent-street. Imperial Bank, 6, Lothbury; 1, West-minster-chambers, Victoria-street; and 1, Sidney-place, Onslow-square. Imperial Ottoman Bank, 26, Throg-morton-street.

morton-street.

International Bank of Hamburgh, 6, Lombard-street. Ionian Bank, 31, Finsbury-circus. King and Co., 65, Cornhill, and 45,

Pall-mall.

Lacy and Son, 60, West Smithfield; and New Cattle Market. London and Brazilian Bank, 2, Old Broad-street. London and Provincial Bank, 7,

Bank-buildings, Lothbury; 163, Edgware-road; 560, Kingsland-rd., Lewisham, Sutton, and Twickenham.

Lewisham, Sutton, and Twickenham.
London and County Joint - Stock
Banking Co., 21, Lombard-street:
Albert-gate, Knightsbridge; 21,
Hanover-square; 6, Berkeley-place,
Edgware-road; 441, Oxford-street.
34, High-street, Boro'; 67, Highstreet, Kensington; 19, High-street,
Islington; 193, Caledonian - road
Islington; 181, Shoreditch; 1, Amherst-road East, Hackney; 6, Henrietta-street, Covent-garden; 74,
Westbourne - grove, Bayswater;
165, Westminster Bridge-road; 1,
Providence-place, Limehouse; 324,
High Holborn; 18, Newingtonbutts, S.E.; 112, Aldersgate-street;
3, Victoria-street, Westminster:
Blackheath, Deptford, Greenwich,
Woolwich, Stratford, Barnet, and
Hammersmith. Hammersmith.

London Bank of Mexico and South America, 144, Leadenhall-street. London and San Francisco Bank, 22, Old Broad-street. London and River Plate Bank, 32,

Moorgate-street.

Commercial Banking Co. of Sydney, 39, Lombard-street.
Commercial Bank of Sydney, 39, Lombard-street.
Consolidated Bank, 52, Threadneedle-street; and 450, West Strand.
Continental Bank, 79, Lombard-st.
Cooke, McCullock, and Co., 41, Lombard-street, E.C.
Cocks, Biddulph, and Co., 43, Charing-cross. Thurlow-place, Lower Norwood; 98, High-street, Peckham; High-street, Putney; Bank Buildings, Wandsworth; Seven Sisters-road,

Wandsworth; Seven Sisters-road, Upper Holloway.
ondon and Westminster Bank, 41,
Lothbury; 1, St. James's-square;
214, High Holborn; 6, High-street,
Borough; 130, High-street, Whitechapel; 4, Stratford-place, Oxfordstreet; 217, Strand; and 91, Westminster Bridge-road.

ondon and Yorkshire Bank, 59, Old Broad-street.

Broad-street.
London Chartered Bank of Australia, 88, Cannon-street.
London Joint-Stock Bank, 5, Princes-street, Bank; 69, Pall-mall; 124, Chancery-lane; 28, High-street, Borough; Charterhouse-street; 9, Craven-road; Metropolitan Cattle Markets, Islington and Deptford.
London and Provincial Bank, 7, Bankbuildings, 163, Edgware-road; and 360, Kingsland-road.
Martin and Co., 68, Lombard-street.
Mercantile Bank of Sydney, 30, Great St. Helen's.
Merchant Banking Co. of London

St. Helen's.
Merchant Banking Co. of London
112, Cannon-street.
Metropolitan Bank, 75, Cornhill.
Midland Banking Company, 38, New
Broad-street.
National Bank, 13, Old Broad-street;
68, Bishop's-road, Bayswater; 9,
Charing-cross; 189, High-street,
Camden Town; 22, Old Cavendishstreet; 21, Grosvenor - gardens,
Pimlico; 282, Pentonville-road;
and 158. High-street, Notting-hill.
National Bank of Australasia, 149,
Leadenhall-street

Leadenhall-street.
National Bank of India, 39, Thread-

needle-street. National Bank of New Zealand, 37, Lombard-street National Bank of Scotland, 37, Nicho-

las-lane.
National Discount Company, 33,
Cornhill.

Cornhill.
National Safe Deposit Company, 1,
Queen Victoria-street, E.C.
National Provincial Bank of England,
112, Bishopsgate-street Within; 14,
Waterloo-place, Pall-mall; 28,
Baker-street, Portman-square; 173,
Upper-street, Islington,
Oriental Bank Corporation, 40,
Threadneedle-street.
Praed and Co., 189, Fleet-street,
Prescott, Grote, Cave, and Co., 62,
Threadneedle-street.
Provincial Bank of Ireland, 42, Old

Threadneedle-street.
Provincial Bank of Ireland, 42, Old Broad-street.
Ranson, Bouverie, and Co., 1, Pallmall East.
Richardson and Co., 13, Pall-mall, and 23, Cornhill.
Robarts, Lubbock, and Company, 15, Lombard-street.
Samuel, Montagu, and Co., 60, Old Broad-street.
Scott. Sir Samuel. Bart., and Co., 1 Scott, Sir Samuel, Bart., and Co., 1,

Scott, Sir Samuel, Bart., and Co., 1,
Cavendish-square.
Smith, Payne, and Smiths, 1, Lombard-street.
Standard Bank of British South
Africa, 10, Clement's-lane, City.
Stride, J. and W. S., 41, West Smithfield; and Cattle Market.
Twining, R., and Co., 215, Strand.
Union Bank of Australia, 1, Bankbuildings, Princes-street.
Union Bank of London, 2, Princesstreet, City: 66, Charing-cross; 14,

Union Bank of London, 2, 7 Innecessive et, City; 66, Charing-cross; 14, Argyll-place, Regent-street; Cnancery-lane; and Holborn-circus. Williams, Deacon, Labouchere, and Co., 20, Birchin-lane.

The Bankers' Clearing-House, near the Post Office, Lombard-street, is the medium through which bankers obtain the amount of cheques and bills in their hands for collection from other bankers. Every bank in London and the country is represented by clearing bankers; and, as their agents send through the clearing-house draughts payable in the City and in the country, the amount passing through this channel is enormous.

# SEPTEMBER.



-	1	The state of the s	SUN.			мо	on.	DURATION OF MOONLIGHT.			HIGH WATER AT				
D. OF	D. OF	ANNIVERSARIES, FESTIVALS,	-	Souths	1 Take	Rises.	Sets.	Before Sunrise.	s.	After Sunset.	London	Bridge.	Liverpo	ol Dock.	Day
M.	w.	OCCURRENCES, ETC.	Rises.	before Noon.	Sets.	Aftern.	Morn.	O'Clock.	Moon's	O'Clock,	Morn.	Aftern.	Morn.	Aftern.	Year.
			н. м.	м. в.	н. м.	н. м.	н. м.	0 1 2 3 4 5		7 8 9 10 11 12	н. м.	н. м.	н. м.	н. м.	
1	M	St. Giles. Partridge-Shooting begins.	5 13	0 2	6 46	6 38	5 58		15		2 10	2 25	11 35	11 50	244
2	Tt	Great Fire of London, 1666	5 15	0 21	6 44	6 52	7 11		16		2 43	3 0	SO A Bell	0 8	245
3	W	L. A. Thiers died, 1877	5 16	0 40	6 42	7 7	8 21		17		3 15	3 33	0 25	0 40	246
4	TH	Battle of Worcester, 1651	5 18	1 0	6 40	7 23	9 33		18		3 50	4 5	0 58	1 15	247
5	F	Malta captured, 1800	5 20	1 20	6 37	7 43	10 42		19		4 20	4 35	1 30	1 45	248
6	S	Flight of the King of Naples, 1860	5 21	1 40	6 35	8 6	11 51		20		4 50	5 5	2 0	2 15	249
7	3	13TH SUND. AFT. TRINITY	5 23	2 0	6 32	8 40	Aftern.		21		5 20	5 35	2 30	2 45	250
8	M	Nativity of Virgin Mary	5 25	2 20	6 29	9 22	2 1		DI		5 55	6 15	3 0	3 20	251
9	Tu	Sebastopol taken, 1855	5 26	2 41	6 27	10 16	2 52		23		6 40	7 5	3 40	4 5	252
10	w	Mungo Park born, 1771	5 27	3 1	6 25	11 21	3 34		24		7 37	8 15	4 30	5 2	253
11	Th	Battle of Delhi, 1803	5 29	3 22	6 22	Morn.	4 7	0 0 0 0 0	25		9 0	9 48	5 40	6 25	254
12	F	François Guizot died, 18-4	5 31	3 43	6 20	0 34	4 34		28		10 32	11 12	7 13	7 57	255
13	S	Length of Day, 12h. 46m.	5 32	4 4	6 18	1 51	4 55		27		11 45	-	8 37	9 10	256
14	5	14TH SUND. AFT. TRINITY	5 33	4 25	6 16	3 12	5 15		28		0 15	0 40	9 40	10 5	257
15	M	Huskisson killed, 1830	5 35	4 46	6 14	4 33	5 32		29		1 0	1 19	10 25	10 44	258
16	1	James II, died, 1701	5 36	5 7	6 12	5 57	5 48				1 39	1 58	11 4	11 23	259
17	W	Lambert, Bishop	5 38	5 28	6 10	7 22	6 6		1		2 15	2 34	11 40	11 59	260
18	1	Battle of the Alma, 1854	5 40	5 49	6 7	8 51	6 28		2		2 53	3 12	_	0 18	261
19	1	Battle of Poictiers, 1356	5 42	6 10	6 5	10 19	6 56		3		3 32	3 52	0 37	0 57	262
20	1	Siege of Paris began, 1870	5 43	6 31	6 2	11 45	7 31		4		4 13	4 35	1 17	1 38	263
21	5	15TH SUND, AFT, TRINITY	170 30	6 52	6 0	Aftern.	8 20		5		4 54	5 15	2 0	2 19	264
22		Lord Denman died, 1854	5 46	7 13	1000	2 7	9 22		D		5 40	6 7	2 40	3 5	265
23		Battle of Assaye, 1803	5 48	7 34		The Reservoir	-	annon annon annon	I		6 35	7 5	3 32	4 0	266
24	ALL VE	Dean Milman died, 1868	5 49	7 55	The Later	3 29		THE THE THE THE THE THE THE THE	8		7 42	8 27	4 30	5 7	267
25		Porson died, 1808	5 51	8 16	4	3 56	A STATE OF THE PARTY OF THE PAR	VIII VIII VIII VIII VIII VIII VIII VII	9		9 16	10 5	5 52	6 41	268
26	1 75	Holy Alliance ratified, 1815	5 53	8 36		4 15	1 12	1 1/20/20/20/20	10		10 47	11 24	7 30	8 12	269
27	S	Length of Night, 12h. 8m.	5 55	8 57	The state of the s	4 31	2 49	1 201120	11		11 55	NO.	8 49	9 20	270
28	THE COLUMN		7000 100 100	100000000000000000000000000000000000000	5 45	4 46		1 1 37	12		0 24	0 47	9 49	10 12	271
29	1	St Michaelmas		9 37	5 43	4 59	and the same		13		1 8	1 27	10 33	10 52	272
		St. Jerome Day.	5 59			5 14	6 8	, ++++	10	HHH	1 45	2 0	11 10		273
30	1 IU	Dt. Jerome	9 99	9 90	5 41	0 14	, 0 . 9	, LILL			1 1 70			1 20	2.0



DUST-STORM, CENTRAL ASIA.
FROM THE ILLUSTRATED LONDON NEWS."

### POST OFFICE REGULATIONS.

#### BATES OF POSTAGE ON INLAND LETTERS.

The rates of postage to be prepaid are as follow, viz:-

for a lette	er not exceeding 1 oz		 	1d.	
	1 oz., but not exceedin		 	1½d.	
"	2 oz., and less than	4 oz.	 	2d.	
"	4 oz., and less than	6 oz.	 	2½d.	
,,	6 oz., and less than	8 oz.	 	3d.	
,,	8 oz., and less than	10 oz.	 	3½d.	
,,	10 oz., and less than	12 oz.	 	4d.	

A letter exceeding the weight of 12 oz. is liable to a postage of 1d. for every ounce, beginning with the first ounce. A letter, for example, weighing between 14 oz. and 15 oz. must be prepaid 1s. 3d. All inland letters must be prepaid in stamps. A letter posted unpaid is chargeable on delivery with double postage; and if insufficiently prepaid is chargeable with double the deficiency.

### GENERAL POSTAL UNION.

In accordance with the provisions of an international treaty concluded at Berne in 1876, the whole of the States of Europe, the United States of America, the Argentine Confederation, and Egypt were formed into a General Postal Union for the reciprocal exchange of correspondence, and adopted low and uniform rates of correspondence dispatched from one State to another. These provisions extend to letters, post cards, newspapers and other printed papers, patterns of merchandise, and legal and commercial documents.

### COLONIAL AND FOREIGN LETTERS.

COLONIAL AND FOREIGN LETTERS.

The rates of postage on letters to the colonies and foreign countries will be found in the British Postal Guide, published quarterly, price Sixpence. To some countries prepayment of the postage is compulsory. In other cases the whole of the postage cannot be prepaid.

A letter posted unpaid, or paid only in part, directed to go by a route by which prepayment is compulsory, is sent to the Returned Letter Office, to go back to the writer, unless there is another route by which prepayment is not required, in which case the letter is sent by the latter route. Letters, however, for Australia and New Zealand, if prepaid as much as one rate (even though the prepayment be insufficient), are not detained, but are forwarded charged with the deficient postage and an additional rate.

A letter posted insufficiently prepaid for a place to which prepayment is optional is sent forward charged; the value of the stamps, however, being, as a rule, taken into account.

The same rates are chargeable in this country upon unpaid or insufficiently paid letters received from the above-named places.

No letter for any colony or foreign country may be above two feet in length or one foot in width or depth.

Letters, &c., for Brazil, Montevideo, Peru, Bolivia, and Chili, if specially directed "By Supplementary Mail, via Bordeaux," and posted in time for dispatch from London by the Day Mail of Friday, will in due course overtake, at Bordeaux, the packet dispatched from Liverpool on the previous Wednesday.

take, at Bordeaux, the packet dispatched from Liverpool on the previous Wednesday.

Letters for such places in Turkey and Asia Minor as have no Austrian post office should be addressed to the care of an agent residing in the nearest port at which an Austrian post office has been established. Letters for places on the Persian Gulf are forwarded vià Bombay, if specially directed by that route and prepaid the rates of postage for Bombay.

Letters for Russia should have the name of the town added in either English, French, or German; and they should bear as a part of the diadress the name of the province or government in which they are situated. In addressing all letters, &c., for Russia the name of the place of destination, as well as the government in which place is situated, must be correctly given; and, further, the address must be plainly written. If these conditions be not complied with, the Russian Post Office declines to undertake the delivery of the correspondence.

Take the delivery of the correspondence.

No letters containing gold or silver money, jewels, or precious articles, or anything liable to Customs duties, can be sent, even if registered, to any country of the General Postal Union.

### INLAND BOOK POST.

The postage is one halfpenny for every 20z. or part of that weight.

A packet posted wholly unpaid is charged with double the book postage; and if posted partially prepaid, with double the deficiency.

A book packet may contain any number of separate books or other publications, photographs (when not on glass or in cases containing glass or any like substance), drawings, prints, or maps, and any quantity of paper, or any other substance in ordinary use for writing or printing upon; and the books or other publications, prints, maps, &c., may be either printed, written. engraved, lithographed, or plain, or any mixture of these. Further, all legitimate binding, mounting, or covering of a book, &c., or of a portion thereof, is allowed, whether such binding, &c., be loose or attached; as also rollers in the case of prints or maps, markers (whether of paper or otherwise) in the case of books, pens, or pencils, in the case of pocket-books, &c.; and, in short, whatever, is necessary for the safe transmission of such articles, or usually appertains thereto, but the binding, rollers, &c., must not be sent as a separate packet.

### COLONIAL AND FOREIGN BOOK POST.

The limit of size for a book-packet addressed to any place abroad is 24 in. in length and 12 in. in width or depth.

24 in. in length and 12 in. in width or depth.

Whatever is allowed to be sent in an inland book-packet may be sent in a book-packet to places abroad, except that water-colour drawings are not allowed to be sent in a book-packet to France or Algeria.

No writing or manuscript mark, however, beyond the name and address of the person to whom it is sent is admissible in or upon a packet forwarded via France to the Argentine Confederation, Bolivia. Chili, Ecuador, Hayti, Mexico. Paraguay, Peru, St. Thomas, Uruguay, United States of Colombia, or Venezuela.

### INLAND CARD POST.

A single post-card, or any number of post-cards—whether "stout" or "thin"—may be purchased. The prices respectively are as follows:—Stout cards: one, \{\frac{3}{4}\cdot\}, \text{two}, \(1\frac{1}{2}\d\), three, \(2\d\); four, \(2\frac{3}{4}\d\), \(\frac{1}{2}\d\), \(\frac{1}{2}\

### FOREIGN CARD POST.

Foreign post-cards may be send to Canada and to all the countries comprised in the General Postal Union, with the exception of British India.

The postage of a card is in every case one half the rate for a single letter. Foreign post-cards with an impressed stamp of 14d. each are sold at that rate, and are transmissible to the majority of the countries of the Union without extra charge. without extra charge.

### INDIAN PARCEL POST.

INDIAN PARCEL POST.

1. Persons wishing to send parcels to any part of British India can do so through the Indian Parcel Post Agency—established under authority of the Director-General of the Post Office of India—at 122, Leadenhall-street, E.C.; and (Branch Office) at 25, Cockspur-street, S.W.

2. The charge for parcels is is. per lb. or fraction of a lb. (prepayment optional), covering transit from London to destination in India. Insurance may be effected, if desired, at the rate (to be prepaid) of is. up to £3 value, 2s. 6d. up to £10 value, and 5s. up to £20 value. Indian Customs duty (if chargeable) will be realised from the addressee.

N.B.—Parcels containing books, or articles treated as books under the British Inland Book Post Rules, will be charged at half rates—viz., 6d. per lb.

per lb.

### COLONIAL AND FOREIGN PATTERN AND SAMPLE POST.

There is a Pattern and Sample Post to certain colonies and foreign countries, but it is restricted to bona fide trade patterns or samples of merchandise.

Goods sent for sale, or in execution of an order (however small the quantity may be), or any articles sent by one private individual to another which are not actually patterns or samples, are not admissible. The rates of postage are the same as for Book Packets.

### POST OFFICE SAVINGS BANKS AND INSURANCE.

There is a Post Office Savings Bank in every town and in most villages, and at most savings banks there is an Insurance and Annuity Office. A list of them is kept at all post offices.

### LETTERS "TO BE CALLED FOR."

LETTERS "TO BE CALLED FOR."

There is a Poste Restante both at the General Post Office, St. Martin's-le-Grand, and at the Charing-cross Post Office, where letters "to be called for" can be obtained between the hours of nine a.m. and five p.m. There is also a Poste Restante at Woolwich, available during the ordinary bours of business. No letters (except communications from the Savings Bank Department) are taken in "to be called for" at the other district or branch offices, and any so directed are sent to the Returned Letter Office to be returned to the writers.

The Poste Restante being intended solely for the accommodation of strangers and travellers who have no permanent abode in London, letters for residents must not be addressed to the Post Office "to be called for;" and any letters for a resident so addressed, although detained at the Post Office for one week, are, after that time, sent out by the letter carriers. Even strangers are not, as a rule, allowed to use the Poste Restante for more than two months; at the end of which time they are expected to have their letters sent to a private address.

Letters addressed to initials or to fictitious names at the Poste Restante are not taken in, but are at once sent back to the writers.

are not taken in, but are at once sent back to the writers

### ARTICLES NOT ALLOWED TO BE SENT BY POST.

ARTICLES NOT ALLOWED TO BE SENT BY POST.

It is forbidden to forward by post any indecent or obscene print, painting, photograph, lithograph, engraving, book or card, or other article, or any letter, newspaper, publication, packet, or card having thereon any words, marks, or designs of an indecent, obscene, libellous, or grossly offensive character. Anything posted contrary to this prohibition will be stopped and sent up to the Returned Letter Office, London.

Postmasters are instructed not to receive any letter which there is good reason to believe contains anything likely to injure the contents of the mail bag, or to do bodily harm to any officer of the Post Office. If such a packet be posted without the Postmaster's knowledge, or if at any time before its dispatch he should discover any such packet, he is directed not to forward it, but to report the case, with the address of the packet, to the Secretary. The following are examples of the articles referred to:—

A glass bottle, or glass in any form; leeches, game, fish, meat, fruit, or vegetables; bladders or other vessels containing liquids; gunpowder, lucifer matches, or anything which is explosive or liable to sudden combustion; razors, scissors, needles, forks, or other sharp instruments.

### MODES OF PREPAYMENT.

Inland letters, newspapers, and book-packets cannot be prepaid in money

Inland letters, newspapers, and book-packets cannot be prepaid in money but must be prepaid by means of stamps, either adhesive or embossed or impressed. This rule applies also to registered letters.

Exceptions.—At the Chief and District Post Offices, and at the Charingcross and Lombard-street Post Offices in London, as well as at the Head Offices in Edinburgh and Dublin, letters and book-packets may, from 10 a.m. to 4 p.m., be prepaid in money, provided the amount be never less than £1, and that the letters and book-packets be tied in bundles representing a postage of 5s. each, with the addresses arranged in the same direction.

direction.

Letters to places abroad must be prepaid wholly in stamps.

Newspapers, book-packets, and sample-packets for places abroad can also be prepaid only by means of stamps; and in their case prepayment is always compulsory

Enritish postage-stamps, though available for all letters, &c., going out of this country, are not, as a general rule, available for letters, &c., coming into it; the principal exception being in the case of letters posted by naval officers, marines, and seamen serving abroad, which, if posted in the ship's bag, must be prepaid by means of British postage-stamps.

### REGISTRATION (INLAND AND FOREIGN.)

The fee for registering a letter, newspaper, or book-packet passing between any two places in the United Kingdom is fourpence.

The fee chargeable for registration to places abroad will be found in the British Postal Guide.

Every letter to be registered should be presented at the counter, and a receipt obtained for it, and should on no account be dropped into the letterbox. If, contrary to this rule, a letter marked "Registered" be dropped into the letter-box, it will, if directed to any place in the United Kingdom or the British Colonies, be liable to a registration fee of 8d, instead of the private of the second of the contract of the second of the the British Colonies, be liable to a registration fee of 8d., instead of the ordinary fee of 4d.

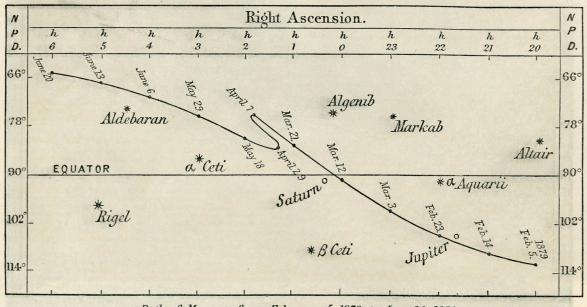
JANUARY.

THE Moon is very near Mars on the morning of the 19th, the closest approach will be at 6h. a.m., when Mars will be situated a little north of the Moon. She is near Mercury on the morning of the 20th. On Jan. 22 the Moon is near both Venus and Jupiter, being situated to the right of both these planets, Venus being situated between Jupiter and the Moon; the Moon on this day sets at 4h. 36m. p.m. She is also very near them on the evening of the next day, being situated to the left of both; the higher of the

ASTRONOMICAL OCCURRENCES IN THE YEAR 1879.

JANUARY.

Two Macro is represented by the monor sets at 5h. 54m., Venus at 5h. 3m. p.m., and Jupiter at 5h. 39m. p.m. During the evening of the 26th and 27th she is near Saturn, being to the right of him on the former, and to the left on the latter evening. Her phases or times of change are:—



Path of Mercury from February 5, 1879; to June 20, 1879.

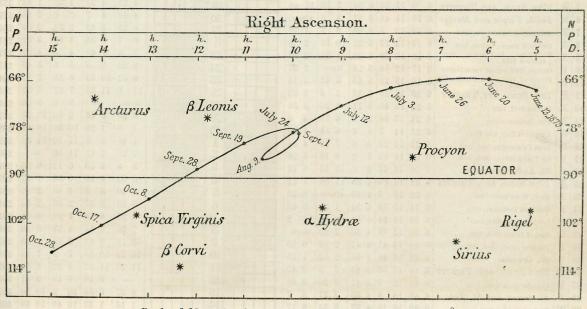
Mercury is a morning star, rising on the 1st at 6h. 51m., or 1h. 17m. before the Sun; on the 11th he rises at 6h. 20m., or 1h. 45m. before the Sun; from this day the interval between the rising of this planet and the Sun decreases. On the 16th he rises at 6h. 25m., or 1h. 35m. before the Sun; on the 21st at 6h. 33m. a.m.; and on the last day at 6h. 50m., or 53 minutes before the Sun. He is stationary among the stars (see diagram) on the 5th, at its greatest western elongation (24 deg. 0 min.) on the 16th, near the Moon on the 20th, and in his descending node on the 25th.

Venus is an evening star, rising on the 1st at 4h. 26m., or 26 minutes after sunset, this interval increases to 41 minutes by the 11th, to 56 minutes

on the 21st, and to 1h. 10m. on the last day, on which day she sets at 5h. 56m. p.m. She is at her greatest distance from the Sun on the 10th, near the Moon on the 23rd, and near Jupiter on the 24th.

Mass is a morning star, rising on the 1st at 5h. 24m. a.m., or about 2h. 45m. before the Sun; he rises on the 11th at 5h. 22m. a.m., or the 21st at 5h. 18m., and on the last day at 5h. 12m. a.m., or the 21st at 5h. 18m., and on the 1st at 9h. 31m. a.m., on the 15th at 9h. 18m. a.m., or the 21st at 5h. 18m. and on the last day at 9h. 4m. a m.

(Continued on page 40.)



Path of Mercury from June 13, 1879; to October 28, 1879.

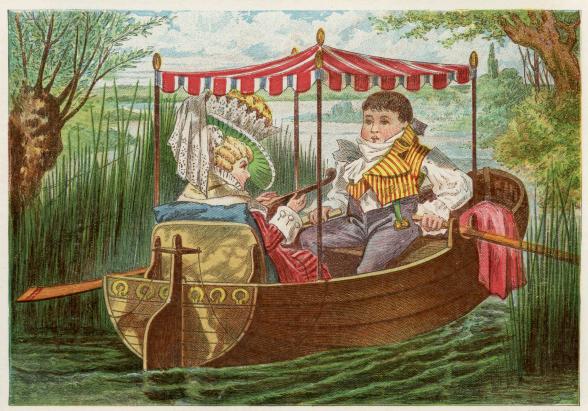
OCTOBER.



1	1 8	the last the grant that side	100	SUN.	es tan	MC	OON.	1	DURATION	OF MO	ONLIGHT.		нісн ж	ATER AT	at, vein	1
D. OF	D. OF	ANNIVERSARIES, FESTIVALS,		Souths		Rises.	Sets.	ī	Before Sunrise.	1 00	After Sunset.	London	Bridge.		ool Dock.	Day
M.	w.	OCCURRENCES, ETC.	Rises.	Noon.	Sets.	Aftern.	Aftern.	1	O'Clock.	Moon'	O'Clock.	Morn.	Aftern.	Morn.	Aftern.	Year.
	_	Cambridge Michaelmas Term	н. м.	M. 8.	н. м.	н. м.	н м.	0	2 3 4 5 6		6 7 8 9 10 12	н. м.	н. м.	H. M.	H. M.	251
1	W	begins Michaelmas Term	6 1	10 16	5 40	5 30	7 18	100		15				11 40		274
2	TH	F. Arago died, 1853	6 3	10 35	5 38	5 48	8 28		13	16	0 0 0 0 0	2 47	3 2	-	0 12	275
3	F	Old St. Matthew	6 5	10 54	5 35	6 12	9 37			17		3 17	3 33	0 27	0 42	276
4	S	First English Bible printed, 1535	6 7	11 12	5 32	6 41	10 45			18		3 50	4 3	0 58		277
5	3	17TH SUND. AFT. TRINITY	6 9	11 30	5 30	7 19	11 48	-		19		4 18	4 35	1 28		278
6	M	Faith, Virgin and Martyr	6 10	11 48	5 27	8 9	Aftern.	-		20		4 50	5 7	2 0		279
7	Tu	Archbishop Laud born, 1573	6 12	12 5	5 25	9 7	1 29	1		21		5 25	5 45	2 32		280
8	W	Battle of Torres Vedras, 1810	6 14	12 22	5 22	10 16	2 5			D		6 7	6 35	3 10		281
9	TH	Eddystone Lighthouse com- menced, 1759	6 16	12 39	5 20	11 28	2 34	1		23		7 4	7 40	4 0		282
10	F	Oxford Michaelmas Term begins	6 17	12 55	5 18	Morn.	2 57	-		24		8 20	9 5	5 5	5 45	283
11	S	Prince of Wales left London for India, 1875	6 19	13 10	5 15	0 45	3 15			25		9 52	10 32	6 30		284
12	3	18TH SUND. AFT. TRINITY.	6 20	13 25	5 13	2 5	3 35			26		11 6	11 35	7 57	8 31	285
13	M	Canova died, 1822	6 22	13 40	5 11	3 25	3 50	1		27		Noon.	_	9 0	9 25	286
14	Tu	Fire Insurance due	6 24	13 54	5 8	4 50	4 8			28		0 23	0 45	9 48	10 10	287
15	W	Length of Day, 10h. 41m.	6 25	14 7	5 6	6 18	4 29			0		1 5	1 25	10 30	10 50	288
16	Th	Lord Palmerston died, 1865	6 27	14 20	5 4	7 49	4 54	1		1		1 45	2 5	11 10	11 30	289
17	F	Sir Philip Sidney died, 1586	6 28	14 32	5 2	9 18	5 28			2		2 25	2 47	11 50	-	290
18	S	St. Luke, Evangelist	6 30	14 44	5 0	10 43	6 12			3		3 8	3 30	0 12	0 33	291
19	-	19TH SUND. AFT. TRINITY	6 31	14 55	4 58	11 56	7 12			4		3 52	4 15	0 55	1 17	292
20	1	Sir C. Wren born, 1632	6 32	15 5	4 56	Aftern.	8 25			5		4 40	5 5	1 40	2 5	293
21	Tu	Battle of Trafalgar, 1805	6 34	15 15	4 54	1 31	9 43			6		5 29	5 57	2 30	2 54	294
25	w	Lord Holland died, 1840	6 36	15 24	4 52	2 0	11 2			D		6 25	6 58	3 22	3 50	295
23	TH	Earl of Derby died, 1869	6 38	15 33	4 50	2 20	Morn.			8		7 35	8 15	4 28	5 0	296
24	-	Chaucer (poet) died, 1400	6 40	15 41	4 47	2 38	0 19			9		8 58	9 43	5 40	6 23	297
2		St. Crispin	6 42	15 48	4 45	2 52	1 35		VAVAVA	10		10 20	10 55	7 8	7 45	298
20		-	6 44	15 55	4 43	3 5	2 47	-		11		11 25	11 53	8 20	8 50	299
2			6 46	16 0	4 41	3 20	3 56			12		-	0 16	9 18	9 41	300
28			6 48	16 6	4 39	3 37	5 7			13		0 37	0 55	10 2	2 10 20	301
2		Riots at Bristol, 1831	6 50	16 10		3 53	6 17			14.		1 15	1 33	10 40	10 58	302
30		Tower of London burnt, 1841	6 51	16 13	13 00	4 15	7 25			O		1 49	2 5	11 14	11 30	303
3	1	Earl of Rosse died, 1867	6 53	1						16		2 20	2 35	11 4	Midnt.	304
1 0.	. 1 -	Earl of Rosse died, 1601	- 50					1000								



SEPTEMBER: - PARTRIDGE SHOOTING.



OCTOBER: - LAST DAY ON THE RIVER.

LEIGHTON, BROS.



A MYTHOLOGICAL INCIDENT.
FROM "THE ILLUSTRATED LONDON NEWS."

(Continued from page 37.)

JUPITER is an evening star, setting on the 1st at 6h. 37m. p.m., or 2h. 37m. after the Sun; he sets on the 11th at 6h. 10m. p.m., on the 21st at 5h. 44m. p.m., and on the last day at 5h. 19m. p.m., or 33 minutes after the Sun. He is near the Moon on the 23rd. He is due south on the 1st at 2h. 10m. p.m., on the 15th at 1h. 28m. p.m., and on the last day at 0h. 40m. p.m.

0h. 40m. p.m.

SATURN is an evening star, and sets at 10h. 56m. p.m. on the 1st, at 10h. 21m. on the 11th, at 9h. 46m. on the 21st, and at 9h. 13m. p.m. on the last day. He is near the Moon on the 27th. He is due south on the 1st at 5h. 9m. p.m., on the 15th at 4h. 18m. p.m., and on the last day of the month 5h. 9m. p.m, on at 3h. 20m. p.m.

### FEBRUARY.

THE MOON is near Mars on the morning of the 16th, being situated to the right of the planet. She is also near him on the morning of the 17th, then being on the left of the planet, the distance being greater than on the preceding morning. She is near both Jupiter and Mercury on the 20th; but it is the day before new moon, and all are near the Sun. She is near Venus on the 22nd, being to the right of the planet; and she is to the left of this planet on the evening of the 23rd; on this evening she is very near to and to the right of Saturn. Her phases or times of change are:—

Full Moon on the 7th at 42 minutes after 1h. in the morning.

13th . 53 , 6 ,, afternoon. Last Quarter ,, 13th ,, 53 New Moon ,, 21st ,, 3 64 morning. ,,

She is nearest the Earth on the 9th, and most distant from it on the 25th.

Mercury is a morning star at the beginning of the month, but not favourably situated for observation. On the 5th he rises at 6h. 57m., or 35m. before the Sun; on the 10th at 7h. 1m., and on the 24th at 6h. 59m., being at the same time as the Sun; and from this day till April 10 this planet rises after the Sun, or in daylight. He is at his greatest distance from the

Sun on the 5th, near Jupiter on the 20th, and near the Moon on the same

Sun on the 5th, near Jupiter on the 20th, and near the Moon on the same day.

Venus is an evening star, setting on the 10th at 6h. 30m. p.m., or 1h. 28m. after the Sun. This interval increases night by night to 1h. 41m. on the 20th, and to 1h. 51m. on the last day the planet setting on this day at 7h. 27m. p.m. She is near the Moon on the 23rd.

Mass is a morning star, rising at 5h. 11m. a.m. on the 1st, at 5h. 5m. a.m. on the 10th, at 4h. 55m. on the 20th, and at 4h. 47m. a.m. on the 16th and 17th. He is due south on the 1st at 9h. 4m. a.m., on the 14th at 8h. 53m. a.m., and on the last day at 8h. 42m. a.m.

JUPITER sets on the 5th at the same time as the Sun, and from this day and till Sept. 1 he sets in daylight; he rises on the 10th at 7h. 28m. a.m., or 3 minutes after sunrise; on the 20th, at 6h. 54m., or 13 minutes before the Sun rises; and on the last day he rises at 6h. 29m. a.m. He is in conjunction with the Sun on the 8th, and near the Moon on the 20th. He is due south on the 1st at 0h. 40m. p.m., on the 15th at 11h. 55m. a.m., and on the last day at 11h. 16m. a.m.

on the 1st at 0n. 40m. p.m., on the 1sth at 11h. 50m. a.m., and on the last day at 11h. 16m. a.m.

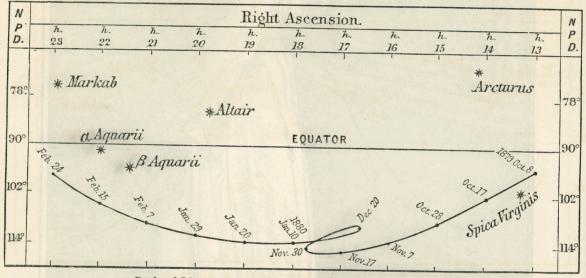
SATURN is an evening star, and sets on the 1st at 9h. 10m. p.m., on the 10th at 8h. 88m. p.m., on the 20th at 8h. 6m. p.m., and on the last day at 7h. 43m. p.m., or 2h. 7m. after sunset. He is near the Moon on the 23rd. He is due south on the 1st at 3h. 16m. p.m., on the 15th at 2h. 26m. p.m., or 2nd on the last day at 1h. 41m. p.m.

and on the last day at 1h. 41m. p.m.

#### MARCH.

MARCH.

The Moon is near Mars on the morning of the 17th, and to the right of the planet; and she is situated to the left of him on the morning of the 18th. She is near Jupiter on the morning of the 20th. She is near Saturn during both the morning and evening hours of the 28rd, being to the right of the planet in the morning, and to the left in the evening; but the Moon is but one day old. She is near Mercury on the 24th, and near Venus during the evening hours of the 25th. Her phases or times of change are:—



Path of Mercury from October 8, 1879; to February 24, 1880.

First Quarter on the 1st at 58 minutes after 7h. in the morning. 8th ,, 9 15th ,, 41 22nd ,, 4 31st ,, 5 Full Moon Last Quarter ,,
New Moon
First Quart afternoon. ,, ,, morning. afternoon. ,, New Moon ", First Quarter",

First Quarter ", 31st", 5 ", 1 ", morning.

She is nearest the Earth on the 10th, and at her greatest distance on the 25thMercury is an evening star during this month. On the 5th he sets at the
same time as the Sun; on the 12th he sets at 6h. 39m., or 42 minutes after
the Sun; and on the 27th he sets at 8h. 15m., or 1h. 53m. after the
Sun; and at the end of the month is favourably situated for observation. He is in superior conjunction with the Sun on the 4th, hear Saturn
on the 15th, in his ascending node on the 16th, at his least distance from the
Sun on the 21st, near the Moon on the 24th, and at his greatest eastern
elongation (18 deg. 47 min.) on the 29th.

Venus is an evening star, setting on the 2nd at 7h. 33m., or 1h. 54m. after
the Sun; on the 22nd she sets at 8h. 37m., and on the last day at 9h. 6m.,
or 2h. 36m after the Sun. She is near Saturn on the 8rd, near the Moon on
the 25th, and in her ascending node on the 30th.

Mars is a morning star, rising on the 2nd at 4h. 43m. a.m., on the 12th
at 4h. 28m., on the 22nd at 4h. 11m., and on the last day at 3h. 53m. a.m.,
or 1h. 48m. before the Sun. He is near the Moon on the 17th. He is due
south on the 1st at 8h. 41m. a.m., on the 15th at 8h. 49m. a.m., and on the
last day at 8h. 15m. a.m.

JUPITER rises on the 2nd at 6h. 19m. a.m., on the 12th at 5h. 44m. a.m., on
the 22nd at 5h. 10m. a.m., and on the last day at 4h. 39m. a.m., or 1 hour
2 minutes before the Sun. He is near the Moon on the 20th. He is due
south on the 1st at 11h. 13m. a.m., on the 15th at 10h. 30m. a.m., and on the
last day at 9h. 41m. a.m.

Saturn sets on the 2nd at 7h. 33m. p.m., or 1h. 54m. after sunset; on the
22th at 7h. 1m. n.m., on the 22nd at 6h. 29m. on 15 minutes effor mynestic

last day at 9h. 41m. a.m.

Saturn sets on the 2nd at 7h. 33m. p.m., or 1h. 54m. after sunset; on the 12th at 7h. 1m. p.m., on the 22nd at 6h. 29m., or 15 minutes after sunset;; and on the 25th at about the same time as the Sun, after which he sets in daylight, or before the Sun. He is near the Moon on the 23rd, and in con-

junction with the Sun on the 26th. He is due south on the 1st at 1h. 37m. p.m., on the 15th at 0h. 48m. p.m., and on the last day at 11h. 53m. a.m.

### APRIT.

APRIL.

The Moon is near Mars during the morning hours of the 15th and 16th, being situated to the right on the morning of the former, and to the left on the morning of the latter day. She is near Jupiter and to the left of the planet on the morning of the 17th; she is near Saturn on the morning of the 20th, and Mercury on the 21st; but both the planet and the Moon are too near the Sun to be seen. On the evening of the 24th she is near Venus. Her phases or times of change are:—

Full Moon on the 6th at 24 minutes after 10h. in the afternoon. Last Quarter ,, New Moon ,, First Quarter ,, 13th ,, 9 21st ,, 56 29th ,, 16 "
"
" afternoon 2

First Quarter ", 29th ", 16 ", 2 ", afternoon.

She is nearest the Earth on the 7th, and most distant from it on the 21st.

Mercury is an evening star, and favourably situated for observation at the beginning of the month. He sets on the 1st at 8h. 26m. p.m., or 1h. 55m. after the Sun; on the 6th at 8h. 18m. p.m.; on the 11th at 7h. 52m. p.m., or 1h. 6m. after the Sun; on the 16th at 7h. 12m. p.m., and on the 17th and 18th nearly at the same time as the Sun. He rises on the 21st at 4h. 37m. a.m., and on the 26th at 4h. 21m. a.m., or 24 minutes before the Sun. He is stationary among the stars (see diagram) on the 7th, and again on the 29th, in inferior conjunction with the Sun on the 17th, near the Moon on the 21st, and in his descending node on the 24th.

Venus is an evening star, setting on the 1st at 9h. 10m. p.m., on the 11th at 9h. 41m. p.m., on the 21st at 10h. 13m. p.m. and on the last day at 10h. 33m. p.m., or 3h. 19m. after the Sun. She is near the Moon on the 24th.

Mars is a morning star, rising on the 1st at 3h. 51m. a.m., on the 11th at 3h. 29m. a.m., on the 21st at 3h. 7m. a.m., and on the last day at 2h. 44m. a.m., or 1h. 53m. before the Sun rises. He is near the Moon on the

15th. He is due south on the 1st at 8h. 14m. a.m., on the 15th at 8h. 0m. a.m., and on the last day at 7h. 44m. a.m.

JUPITER is a morning star, rising 1h. 3m. before the Sun on the 1st, at 3h. 59m. a.m. on the 1st, at 3h. 59m. a.m. on the 21st, and at 2h 51m. a.m., or 1h. 46m. before the Sun on the last day. He is near the Moon on the 17th. He is due south on the 1st at 9h. 39m. a.m., on the 15th at 8h. 58m. a.m., and on the last day at 8h. 4m. a.m.

a.m., and on the last day at Sh. 4m. a.m. SATURN, at the beginning of this month, rises nearly at the same time as the Sun. On the 11th he rises at 5h. 5m. a.m., or 10 minutes before the Sun; on the 21st at 4h. 28m. a.m., and on the last day at 3h. 55m. a.m. He is near the Moon on the 20th. He is due south on the 1st at 11h. 49m. a.m., in the middle of the month at 11h. 1m. a.m., and on the last day at 10b. Sm. a.m. 10h. 8m. a.m.

#### MAY.

THE Moon is near both Jupiter and Mars on the mornings of the 14th and 15th, being to the right on the former and to the left of the planets on the latter morning; on both mornings the planet Jupiter being to the right of Mars. She is near Saturn on the morning of the 17th, near Mercury on the 19th, and Venus during the evening hours of the 24th. Her phases or times of change are: of change are:-

Full Moon on the 6th at 12 minutes after 6h. in the morning. Last Quarter ,, 13th ,, 36 New Moon ,, 21st ,, 50 First Quarter ,, 28th ,, 37 morning. 99 morning. 11 afternoon.

She is nearest the Earth on the 5th, and at her greatest distance on the 18th Mercury is a morning star, rising on the 1st 4h. 7m. a.m., or 28 minutes before the Sun; on the 16th at 3h. 35m. a.m., and on the last day at

3h. 11m. a.m., or 41 minutes before the Sun. He is not well placed for observation. He is at his greatest distance from the Sun on the 4th, at his greatest western elongation (25 deg. 40 min.) on the 15th, and near the Moon on the 19th. on the 19th

on the 19th.

VENUS is an evening star, setting at 10h. 41m. p.m. on the 1st; at 11h. 1m. p.m. on the 11th, or 3h. 25m. after the Sun; at 11h. 14m. p.m. on the 21st; and at 11h. 16m. p.m. on the last day, or 3h. 13m. after sunset. She is at her least distance from the Sun on the 2nd, and near the Moon on the

MARS is a morning star, rising on the 1st at 2h. 42m. a.m., on the 11th at 2h. 17m. a.m., on the 21st at 1h. 51m. a.m., and on the last day at 1h. 26m. a.m. He is near Jupiter on the 9th, and near the Moon on the 14th. He is due south on the 1st at 7h. 43m. a.m., on the 15th at 7h. 27m. a.m., and on the last day at 7h. 7m. a.m.

due south on the 1st at 7h. 43m. a.m., on the 15th at 7h. 27m. a.m., and on the last day at 7h. 7m. a.m.

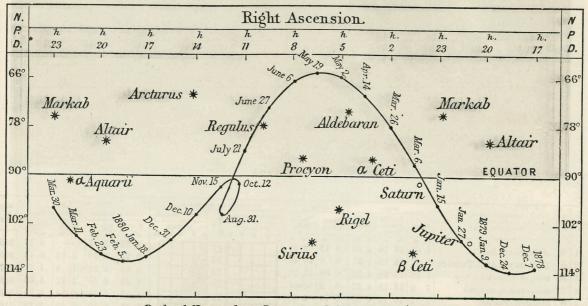
JUPITER is a morning star, rising on the 1st at 2h. 47m. a.m., or 1h. 48m. before the Sun; on the 1th at 2h. 11m. a.m., on the 21st at 1h. 35m. a.m., and on the last day at 6h. 57m. a.m. He is near the Moon on the 14th. He is due south on the 1st at 5h. 1m. a.m., on the 15th at 7h. 14m. a.m., and on the last day at 6h. 18m. a.m.

SATURN rises on the 1st at 3h. 51m. a.m., or 44 minutes before the Sun; on the 11th at 3h. 13m. a.m.; on the 21st at 2h. 36m. a.m., and on the last day at 1h. 59m. a.m., or 1h. 53m. before the Sun. He is near the Moon on the 17th. He is due south on the 1st at 10h. 5m. a.m., and on the last day at 8h. 18m. a.m.

at 8h. 18m. a.m.

#### JUNE.

The Moon is near Jupiter on the morning of the 11th. She is very near Mars during the morning hours of the 13th, being a little to the left of the



Path of Venus from December 7, 1878; to March 30, 1880.

planet. She is to the left of and near Saturn during the morning hours of the 14th, near Mercury during the morning hours of the 20th, and near Venus during the evening hours of the 23rd. Her phases or times of change

Full Moon on the 4th at 36 minutes after 1h. in the afternoon. Last Quarter ,, 11th ,, 56 ,, 4 ,, afternoon. New Moon ,, 19th ,, 20 ,, 8 ,, afternoon. First Quarter ,, 27th ,, 56 ,, 5 ,, morning.

She is nearest the Earth on the 3rd, and at her greatest distance on the 15th.

Mercury is a morning star at the beginning of the month, and an evening star at the end, but not well situated for observation. He rises on June 5 at 3h. 10m. a.m., and on the 20th at 3h. 43m. a.m., and after this rises in daylight to August 25. He sets on June 25 at 9h. 3m., or 44 minutes after the Sun, and on the last day he sets 61 minutes after sunset. He is in his ascending node on the 12th, at his least distance from the Sun on the 17th, in superior conjunction with the Sun on the 18th at midnight, and near the Moon on the 20th.

Venus is an evening star satting on the 18th at midnight, and hear the

In superior conjunction with the sun on the 18th at mininght, and hear the Moon on the 20th.

Venus is an evening star, setting on the 1st at 11h. 15m. p.m., on the 10th at 11h. 9m., on the 20th at 10h. 56m., and on the last day at 10h. 35m., or 2h. 17m. after the Sun. She is near the Moon on the 23rd.

Mars rises on the 1st at 1h. 23m. a m., on the 10th at 0h. 58m. a.m., on the 20th at 0h. 30m. a.m., and on the last day at 0h. 3m. a.m., and at about midnight on the same day. He is near the Moon on the 13th, and near Saturn on the last day. He is due south on the 1st at 7h. 6m. a.m., on the 15th at 6h. 47m. a.m., and on the last day 6h. 26m. a.m.

JUPITER is a morning star, rising on the 1st at 0h. 53m. a.m., on the 10th at 0h. 19m. a.m., on the 19th at 11h. 42m. p.m., and on the 29th at 11h. 4m. p.m., and is visible throughout the night after these times. He is in ouadrature with the Sun on the 2nd, and near the Moon on the 11th. He is due south on the 1st at 6h. 15m. a.m., on the 15th at 5h. 24m., and on the last day at 4h. 27m. a.m.

Saturn rises on the 1st at 1h. 55m. a.m., on the 10th at 1h. 21m. a.m., on the 20th at 0h. 43m. a.m., on the 30th at 0h. 5m. a.m. He is near the

Moon on the 14th. He is due south on the 1st at 8h. 14m. a.m., on the 10th at 7h. 42m. a.m., on the 20th at 7h. 5m. a.m., and on the last day at 6h. 28m. a.m.

The Moon is near Jupiter during the morning hours of the 8th, and to the left of the planet during the night hours of the same day and morning hours of the 9th. She is near Saturn from the time of Moon rising on the 10th and throughout the night. On the 11th the Moon and Mars rise nearly together, and are near together throughout the night. On the 21st she is near Mercury. She is to the right of Venus during the evening hours of the 22nd, and to the left during the evening hours of the 23rd. Her phases or times of change are:

Full Moon on the 3rd at 38 minutes after 9h. in the afternoon. Full Moon Charter ,, New Moon ,, 11th ,, 54 19th ,, 6 26th ,, 36 morning. 8 ,, . ,, 10 morning.

First Quarter ", 26th ", 36 ", 10 ", morning.

She is nearest the Earth on the 1st and 28th, and most distant on the 13th.

Mercury is an evening star, setting on the 5th at 9h. 26m. p.m.; on the

10th at 9h. 25m. p.m., or 1h. 12m. after the Sun; on the 15th at 9h. 18m., or

1h. 9m. after the Sun; on the 20th at 9h. 8m.; and on the 30th at 8h. 36m.,

or 47 minutes after sunset. He is in his descending node on the 20th, arathe Moon on the 21st, at his greatest eastern elongation (27 deg. 9 min.) on

the 27th, and at the greatest distance from the Sun on the last day.

Vexus is an evening star, setting on the 1st at 10h. 32m. p.m.; on the

10th at 10h. 10m. p.m.; on the 20th at 9h. 43m., or 1h. 39m. after the Sun;

and on the 30th she sets at 9h. 11m. p.m. She is at her greatest eastern

elongation (45 deg. 33 min.) on the 16th, in her descending node on the

19th, and near the Moon on the 23rd.

Mars rises on the 1st at two or three minutes before midnight, on the

9th at 11h. 37m. p.m., on the 19th at 11h. 9m. p.m., and on the 29th at

10h. 42m. p.m., and is visible afterwards throughout the night. He is at

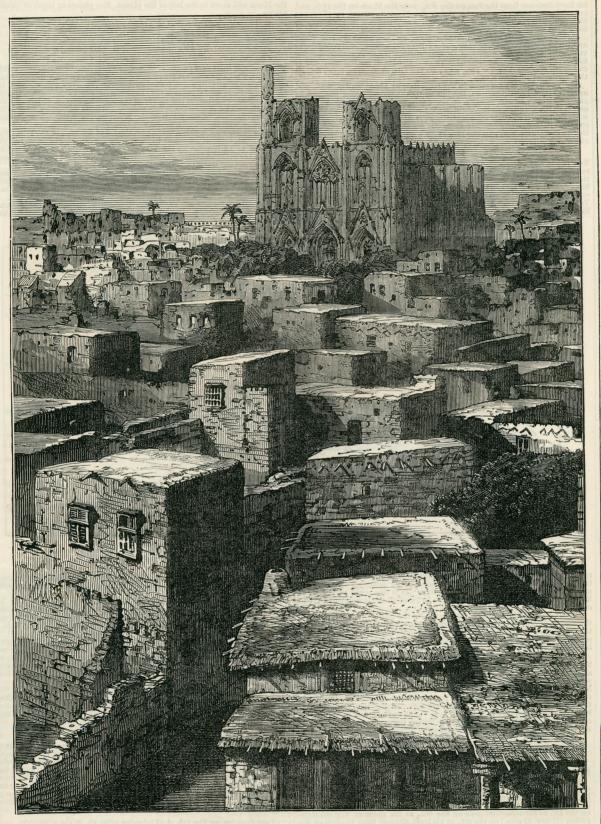
(Continued on page 44.)

(Continued on page 44.)

# MOVEMBER.



		ACT CALL BUILDING SERVICE	A STAN	222330X			MOON. DURATION OF MOONLIGHT.				1			
D.	D.	ANNIVERSARIES,	-	Souths			1	Before Sunrise.	œ	After Sunset.	London Bridge.	Liverpool	Dock.	Day
OF M.	of w.	FESTIVALS, OCCURRENCES, ETC.	Rises.	before	Sets.	Rises.	Sets. Morn.	O'Clock.	Moon Age.	O'Clock.	Morn. Aftern.		Aftern.	Year.
-	-		H. M.	Noon.	н. м.	н. м.	н. м.	0 2 4 6 8	M	4 6 8 10 12	н. м. н. м.	н. м.	н. м.	
1	S	All Saints' Day	6 56	16 18	4 32	5 18	9 39		17		2 52 3 7		0 17	305
2	5	21st SUND. AFT. TRINITY	6 57	16 19	4 31	6 4	10 36		18		3 23 3 39	0 32	0 48	306
3	M	Battle of Hohenlinden, 1800	6 59	16 20	4 29	6 59	11 26		19		3 55 4 12	1 4	1 20	307
4	Tu	George Peabody died, 1869	7 0	16 19	4 27	8 2	Aftern.		20		4 28 4 45	1	1 53	308
5	W	Gunpowder Plot 1605	7 2	16 18	4 25	9 14	0 33		21		5 5 5 25		2 30	309
6	Th	Leonard, Confessor	7 4	16 16	4 24	10 26	0 59	17 07 2 3 74 23	22		5 47 6 10		3 12	310
7	F	First Gazette published, 1665	7 5	16 13	4 23	11 43	1 18		1		6 40 7 10		4 5	311
8	S	Cambridge Michaelmas Term divides (noon)	7 7	16 9	4 22	Morn.	1 36	40.4	24		7 43 8 20	4 35	5 8	312
9	5	22ND SUND, AFT, TRINITY	7 9	16 4	4 20	0 59	1 52		25		9 0 9 40	5 45	6 25	313
10	M	Martin Luther born, 1483	7 10	15 58	4 19	2 21	2 11		26		10 14 10 45	1.	7 39	314
11	Tu	St. Martin, Bishop	7 12	15 52	4 17	3 44	2 29		27		11 15 11 43	Torritor that the	8 40	315
12	W	Charles Kemble died, 1854	7 14	15 45	4 16	5 11	2 51		28		_ 0 8		9 33	316
13	Th	Britius, Bishop	7 16	15 36	4 14	6 41	3 21		29		0 32 0 55	9 57 1	10 20	317
14	F	C. Simeon died, 1836	7 18	15 27	4 12	8 12	4 0		0		1 17 1 40		11 5	318
15	S	Machutus	7 19	15 17	4 11	9 33	4 54		1		2 5 2 30	11 30 1	11 55	319
16	5	23RD SUND. AFT. TRINITY	7 21	15 7	4 10	10 39	6 5		2		2 53 3 17	-	0 18	320
17	M	Hugh, Bishop of Lincoln	7 23	14 55	4 9	11 25	7 23		3		3 42 4 5	0 42	1 7	321
18	Tu	Cardinal Wolsey died, 1530	7 25	14 43	4 8	11 59	8 46		4		4 30 4 55	1 30	1 55	322
19	W	Battle of Navarino, 1827	7 27	14 30	4 7	Aftern.	10 8		5		5 20 5 47	2 20	2 45	323
20	Th	Berlin Decree, 1806	7 28	14 16	4 6	0 43	11 23		D		6 15 6 45	3 12	3 40	324
21	F	Princess Royal born, 1840	7 30	14 1	4 4	0 59	Morn.		7		7 15 7 45	4 10	4 40	325
22	S	St. Cecilia	7 31	13 45	4 3	1 13	0 37		8		8 18 8 55	5 10	5 43	326
23	5	24TH SUND. AFT. TRINITY	7 33	13 29	4 2	1 28	1 49		9		9 30 10 5	6 20	6 55	327
24	M	John Knox died, 1572	7 34	13 12	4 0	1 43	2 57	3/1	10	mad ed may	10 35 11 7	7 30	8 0	328
25	Tu	Law Michaelmas Term ends	7 36	12 54	3 58	2 0	4 6		11		11 35 —	8 32	9 0	329
26	W	Madame Grisi died, 1869	7 37	12 35	3 57	2 20	5 16		12		0 1 0 23	9 26	9 48	330
27	Th	Princess Mary (of Teck) born,	7 39	12 16	3 56	2 46	6 24		13		0 44 1 5	10 9	10 30	331
28	F	Washington Irving died, 1859	7 40	11 56	3 55	3 19	7 31		0	97 7 9 111	1 23 1 42	10 48	11 7	332
29	S	La Plata foundered, 1874	7 42	11 35	3 55	4 1	8 32		15		2 0 2 15	11 25	11 40	333
30	-	1st Sunday in Advent	7 44	11 14	3 54	4 54	9 23		16		2 33 2 50	11 58	-	334
1	~				7 N				-					



FAMAGOSTA, THE ANCIENT PORT OF CYPRUS.

FROM "THE ILLUSTRATED LONDON NEWS."

his least distance from the Sun on the 9th, near the Moon on the 11th, and in quadrature with the Sun on the 22nd. He is due south on the 1st at 6h. 25m. a.m., on the 15th at 6h. 4m. a.m., and on the last day at 1. International control of the 15th at 6h. 4m. a.m., and on the last day at 1. International control of the 15th at 6h. 4m. a.m.

5h. 39m a.m.

JUPITER rises on the 9th at 10h. 24m. p.m., on the 19th at 9h. 44m. p.m., and on the 29th at 9h. 4m p.m., being 1h. 14m. after sunset; and he is visible throughout the nights after these times. He is stationary among the stars (see diagram) on the 2nd, and near the Moon on the 8th. He is due south on the 1st at 4h. 23m. a.m., on the 15th at 3h. 27m. a.m., and on the last day at 2h. 20m. a.m.

SATURN rises on the 1st twice in the same day, at about 0h. 1m. a.m., and again at 11h. 57m. p.m.; on the 9th at 11h. 26m. p.m.; on the 19th at 10h. 47m. p.m.; and on the 29th at 10h. 8m. p.m., or 2h. 18m. after sunset, and is visible throughout the night after these times. He is in quadrature with the Sun on the 7th at midnight, near the Moon on the 11th, and stationary among the stars (see diagram) on the 29th. He is due south on the 1st at 6h. 24m. a.m., on the 15th at 5h. 31m. a.m., and on the last day at 4h. 28m. a.m.

### AUGUST.

THE MOON and Jupiter rise nearly together on the evening of the 4th, and remain near each other throughout the night. From the time of Moon rising on the 7th she is near and to the left of Saturn throughout the night. She is also near to and on the left of Mars from the time of rising throughout the night. On the 18th she is near Mercury; on the 20th she is near Venus; and on the 31st a second time near Jupiter, being to the right of the planet in the early evening hours; the nearest approach will be about

10h., when the planet will be a little south of the Moon, and after this time the Moon will move to the left of the planet. Her phases or times of change

on the 2nd at 12 minutes after 7h. in the morning, r, 10th, 9, 2, morning. ", 10th ", 9
", 17th ", 11
", 24th ", 12
", 31st ", 58 Last Quarter New Moon " morning. 8 afternoon. First Quarter 3 6 99 ,, Full Moon afternoon.

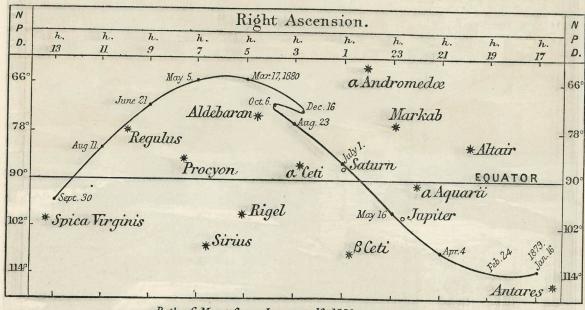
Full Moon "31st", 58 " afternoon.

She is nearest the Earth on the 22nd, and at her greatest distance on the 9th.

Mercury is badly situated for observation. He sets on the 4th at \$h. 16m, or 35 minutes after the Sun; and on the 15th Mercury and the Sun set nearly together; and from this time to Oct. 2 he sets in daylight. On the 25th the Sun and Mercury rise nearly at the same time; and on the 29th the planet rises about 41 minutes before the Sun. He is stationary among the stars (see diagram) on the 9th, near the Moon on the 18th, and in inferior conjunction with the Sun on the 24th.

YENUS is an evening star, setting on the 1st at 9h. 4m., or 1h. 18m. after the Sun; this interval decreases to ih. 3m. by the 9th, to 41 minutes by the 19th, and to 16 minutes by the 29th, on which day she sets at 7h. 9m. p.m. She is at her greatest brilliancy on the 19th, near the Moon on the 20th, and stationary among the stars (see diagram) on the 1st at 9h. 47m. p.m., and stationary among the 8th at 10h. 15m. p.m., on the 18th at 9h. 47m. p.m., and on the 28th at 9h. 18m. p.m., and is visible afterwards throughout the night. He is near the Moon on the 9th; he is due south on the 1st at 5h. 37m. a.m., on the 15th at 5h. 12m. a.m., and on the last day 4th. 38m. a.m.

JUPITER rises on the 8th at 5h. 28m. p.m., or 49 minutes after the Sun; on the 18th at 7h. 42m. p.m.; and on the last day he rises very nearly at the



Path of Mars from January 16, 1879; to September 30, 1880.

same time as the Sun sets, and from this day he rises in daylight, or before the Sun sets. He is near the Moon on the 4th, and again on the last day, and in opposition to the Sun on the last day. He is due south on the 1st at 2h. 16m. a.m., on the 15th at 1h. 15m. a.m., and on the last day at 0h. 5m.

a.m. SATURN rises on the 8th at 9h. 29m. p.m., on the 18th at 8h. 49m. p.m., on the 28th at 8h. 9m p.m., or 1h. 14m. after sunset, and is visible throughout the night after these times. He is near the Moon on the 7th. He is due south on the 18t at 4h. 24m. a.m., on the 15th at 3h. 29m. a.m., and on the last day at 2h. 23m. a.m.

### SEPTEMBER.

THE MOON is near Saturn during the evening hours of the 3rd, being situated to the right of the planet, the space decreasing until about midnight, when the Moon will be the higher of the two, and from this time the Moon will pass to the left of the planet during the morning hours of the 4th day. During the night common to the 6th and 7th she will be near Mars; the nearest approach will be at about 2 a.m. on the 7th She is near Mercury on the morning of the 15th, near Venus on the morning of the 17th, and to the right of Saturn a second time during the evening and night hours of the last day of the month. Her phases or times of change are:

Last Quarter on the 8th at 4 minutes after 8h in the afterworm

Last Quarter on the 8th at 4 minutes after 8h. in the afternoon. New Moon ,, 16th ,, 57 ,, 5 ,, morning. First Quarter ,, 22nd ,, 19 ,, 9 ,, afternoon.

Last Quarter on the 8th at 4 minutes after 8h. in the afternoon. New Moon , 16th , 57 , 5 , morning. First Quarter , 22nd ,, 19 , 9 , afternoon. Full Moon , 30th ,, 17 , 9 , morning. She is nearest the Earth on the 18th, and at her greatest distance on the 6th. Mercury is a morning star, rising on the 3rd at 3h. 55m. a m.; on the 8th at 3h. 42m., or 1h. 43m. before the Sun; on the 18th at 3h. 51m., or ih. 44m. before sunrise; on the 18th at 4h. 14m.; and on the 28th at 5h. 17m., or 39 minutes before the Sun. He is stationary among the stars (see diagram) on the 18t, in his ascending node on the 8th, at his greatest western elongation (17 deg. 57 min.) on the 9th, at his least distance from the Sun on the 13th, and near the Moon on the 15th.

Venus sets very nearly at the same time as the Sun at the beginning of the month, and is badly situated for observation till towards the end of the

month. On the 30th she rises at 5h. 29m. a.m., or half an hour before sunrise. She is near the Moon on the 17th, and in inferior conjunction with the Sun on the 24th.

Hise. She is near the Moon on the 17th, and in interior conjunction with the Sun on the 24th.

Mars rises at 8h. 48m. p.m. on the 7th, or 2h. 16m. after sunset; at 8h. 16m. p.m. on the 17th; and at 7h. 40m. p.m. on the 27th; and is visible after these times throughout the night. He is near the Moon on the 7th. He is due south on the 1st at 4h. 36m. a.m., on the 15th at 4h. 0m. a.m., and on the last day at 3h. 13m. a.m.

JUPITER is visible throughout the night at the beginning of the month; on the 9th he sets at 4h. 36m. a.m., or 50 minutes before the Sun rises; on the 19th he sets at 3h. 49m. a.m.; and on the 29th at 3h. 4m. a.m., or 2h. 54m. before sunrise. He is near the Moon on the 28th. He is due south on the 1st at 11h. 56m. p.m., on the 15th at 10h. 54m. p.m., and on the last day at 9h. 49m. p.m.

Saturn rises on the 7th at 7h. 30m., or 58 minutes after sunset; on the 17th at 6h. 49m. p.m.; and on the 27th at 6h. 8m. p.m., or 21 minutes after the Sun. He is near the Moon on the 3rd and 4th, and again during the evening hours of the last day. He is due south on the 1st at 2h. 19m. a.m., on the 15th at 1h. 21m. a.m., and on the last day at 0h. 18m. a.m.

### OCTOBER.

OCTOBER.

The Moox is near Saturn during the morning hours of the first day; she is near Mars during the night common to the 4th and 5th; she is near Venus on the mornings of the 18th and 14th; she is near Mercury on the 16th; she is near Jupiter during the evening hours of the 24th, and to the left of the planet on the 25th; she is near and to the right of Saturn during the night hours of the 27th and morning hours of the 28th, and left of the planet during the evening and night hours of the 28th; and she is near Mars a second time in the month during the evening hours of the last day. Her phases or times of change are: of change are :-

30th ,, 10 morning.

She is nearest the Earth on the 16th, and at her greatest distance on the

4th and 31st.

4th and 31st.

Mercury is not favourably situated for observation. He sets on the 2nd nearly at the same time as the Sun, and afterwards after the Sun—on the 8th by 8 minutes, on the 18th by 15 minutes, and on the 28th at 5h. 1m., or 22 minutes after sunset. He is in superior conjunction with the Sun on the 6th, near the Moon on the 16th, in his descending node on the 16th, and at his greatest distance from the Sun on the 27th.

VENUS is a morning star. rising on the 1st at 5h. 21m. a.m.; on the 8th at 4h. 31m., or 1h. 43m. before the Sun; on the 18th at 3h. 42m. a.m.; and on the 28th at 3h. 13m. a.m., or 3h. 35m. before survise. She is stationary among the stars (see diagram) on the 12th, near the Moon on the 18th, and at her greatest brilliancy (a second time this year) on the last day of the month.

Mars rises on the 7th at 7h. 0m. p.m ; on the 17th at 6h. 16m. p.m., and Mass rises on the 7th at 7h. 0m. p.m; on the 17th at 6h. 16m. p.m., and on the 27th at 5h. 26m. p.m., or three quarters of an hour only after sunset; but is visible afterwards throughout the night. He is near the Moon on the 4th, and again on the last day, and stationary among the stars (see diagram) on the 6th. He is due south on the 1stat 3h. 9m. a.m., on the 15th at 2h. 13m. a.m., and on the last day at (h. 54m. a.m.

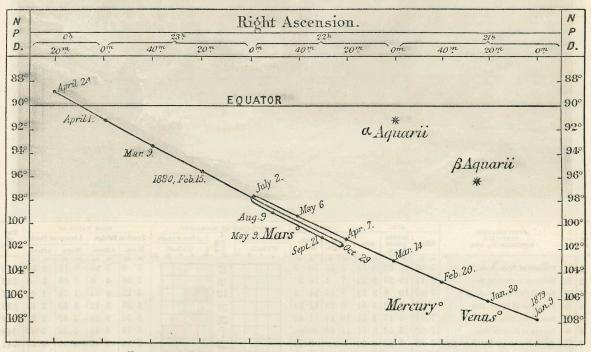
JUPITER is an evening star, and on the 9th sets at 2h. 19m. a.m., on the 19th at 1h. 37m. a.m., and on the 29th at 0h. 57m. a.m., and is visible from sunset till these times. He is near the Moon on the 25th, and stationary among the stars (see diagram) on the 29th. He is due south on the 1st at

9h. 45m. p.m., on the 15th at 8h. 46m. p.m., and on the last day at 7h. 42m.

9h. 45m. p.m., on the lbtn at 8h. 46m. p.m., and on the last day at the same time the sun is setting, and afterwards he rises in daylight. He sets on the 6th nearly at the same time as the Sun rises, on the 9th he sets 20 minutes before sunrise, on the 19th he sets at 5h. 12m. a.m.; and on the 29th at 4h. 29m., or 2h. 21m. before the Sun rises; and he is visible throughout the night till these times. He is near the Moon on the 1st, and again on the 28th; and in opposition to the Sun on the 5th. He is due south on the 1st at 0h. 14m. a.m., on the 15th at 11h. 10m. p.m., and on the last day at 10h. 3m. p.m.

The Moon is near and to the left of Venus during the morning hours of the 11th. She is near Mercury on the 15th, she is near Jupiter during the evening hours of the 20th and 21st, she is near Saturn during the evening hours of the 23rd and the 24th, and she is near and to the right of Mars during the night common to the 26th and 27th, and to the left of Mars during the following night. Her phases or times of change are:—

Last Quarter on the 7th at 55 minutes after 5h. in the morning. , 14th , 38 , 2 th , 55 , 28th , 57 New Moon First Quarter morning. afternoon. Full Moon afternoon.



Path of Jupiter from January 9, 1879; to April 24, 1880.

She is nearest the Earth on the 14th, and at her greatest distance on the

She is nearest the Earth on the 14th, and at her greatest distance on the 27th.

Mercury sets on the 2nd at 4h. 56m., or 25 minutes after the Sun; on the 17th at 4h. 54m., or 45 minutes after the Sun. He is near the Moon on the 15th, at his greatest eastern elongation (21 deg. 56 min) on the 21st, and stationary among the stars (see diagram) on the last day of the month.

Venus is a morning star, rising on the 7th at 3h. 1m. a.m., on the 17th at 3h. 2m. a.m., and on the 17th at 3h. 2m. she is in her ascending node on the 9th, and near the Moon on the 11th.

Mars on the 6th rises at 4h. 35m. p.m., and on the 9th at 4h. 20m. p.m., being at the same time as the Sun, and after this he rises in daylight. He sets on the 14th at the same time as the Sun rises—viz., 7h. 18m. a.m. On the 28th he sets at 6h. 1m. a.m., or 1h. 39m. before the Sun rises. He is in his ascending node on the 10th, in opposition to the Sun on the 12th, and near the Moon on the 27th. He is due south on the 1st, at 6h. 48m. a.m., on the 15th at 11h. 27m. p.m., and on the last day at 10h. 10m. p.m.

JUPITER is an evening star; he sets on the 7th at 18 minutes after midnight, on the 17th at 11h. 43m. p.m., and on the 27th at 11h. 7m. p.m. He is near the Moon on the 1st, at 6h. 1m. 2m. On the 18th. 1m. 2m.

Settle 18th at 18th at 3h. 46m. a.m. on the 18th at 3h. 4m. a.m. on the 18th at 3h.

He is near the second on the 1st at vin, seem p....,

5h 51m. p.m.

SATURN sets on the 8th at 3h. 46m. a.m., on the 1sth at 3h. 4m. a.m.,
and on the 28th at 2h. 22m. a.m., and is visible throughout the night till
these times. He is near the Moon on the 24th. He is due south on the
1st at 9h. 59m. p.m., on the 15th at 9h. 1m. p.m., and on the last day at

ch. 0m. p.m.

THE MOON is near Venus on the morning of the 10th, near Mercury on the 13th. She is near Jupiter during the evening hours of the 18th, she is near Saturn during the evening hours of the 21st, and near Mars, being west of the planet, during the evening hours of the 23rd and early morning hours of the 24th, and east of the planet during the evening hours of the same day. Her phases or times of change are:— Last Quarter on the 6th at 43 minutes after 7h. in the afternoon. ,, 13th ,, 4 ,, 20th ,, 16 New Moon morning. " " First Quarter 11 morning Full Moon 28th ,, 16

She is nearest the Earth on the 12th, and at her greatest distance on the

99

Mercury is badly situated for observation at the beginning of the month. Mercury is badly situated for observation at the beginning of the month. He sets on the 2nd at 4h. 45m., and on the 11th nearly with the Sun. He rises on the 12th at 7h. 22m. a.m., on the 17th at 6h. 34m. a.m., or one hour and a half before the Sun; on the 22nd at 6h. 13m. a.m., or 1h. 53m. before the Sun; on the 27th he rises 1h. 57m. before sunrise, and on the last day he rises at 6h. 14m. a.m. He is in his ascending node on the 5th, at his least distance from the Sun on the 10th, in inferior conjunction with the Sun on the same day, near the Moon on the 13th, stationary among the stars (see diagram) on the 20th, and at his greatest western elongation (22 deg. 30 min.) on the 30th.

VENUS is a morning star, rising on the 7th at 3h. 26m. a.m.; on the 17th

30 min.) on the 30th. VENUS is a morning star, rising on the 7th at 3h. 26m. a m.; on the 17th at 3h. 45m. a m.; on the 27th at 4h 7m. a m.; and on the last day of the year at 4h. 15m. a.m. She is at her greatest western elongation (46 deg. 47 min.) on the 4th, near the Moon on the 10th, and at her least distance from the Sun on the 13th.

MARS is visible till the morning hours, setting on the 8th at 5h 13m. a.m., on the 18th at 4h. 31m. a.m., on the 28th at 3h. 58m. a m., and on the last day at 3h. 49m. a.m. He is stationary among the stars see diagram) on the 16th, and near the Moon on the 24th. He is due south on the 1st at 10h. 5m. p.m., on the 15th at 9h. 4m. p.m., and on the last day of the year at 8h. 7m. p.m.

JUPITER is an evening star, setting on the 7th at 10h 35m. p.m., on the 17th at 10h 4m. p.m., on the 27th at 9h. 33m. p.m., and on the last day of the year at 9h. 21m. p.m. He is near the Moon on the 18th. He is due south on the 1st at 5h. 47m. p.m., on the 15th at 4h. 59m. p.m., and on the last day of the year at 4h. 5m. p.m.

(Continued on page 48.)

DECEMBER.



				SUN.	1	мо	OON.	DURATION OF I	HIGH V				
	D. OF	ANNIVERSARIES, FESTIVALS.	Diana	Souths	0.4	Rises.	Sets.	Before Sunrise.	After Sunset.	London Bridge.	Liverpoo	ol Dock.	Day
м.	w.	OCCUBBENCES, ETC.	Rises.	Noon.	Sets.	Attern.	Morn.	O'Clock.	O'Clock, 4 6 8 10 12	Morn. Aftern.	Morn.	Aftern.	Year.
1	M	Princess of Wales born, 1844	н. м. 7 46	м. s. 10 52	н. м. 3 53	н. м. 5 55	н. м. 10 3	17	4 6 8 10 12	н. м. н. м. 3 5 3 23	н. м. 0 15	н. м.	335
2	Tu	Battle of Austerlitz, 1805	7 47	10 29	3 52	7 4	10 36	18		3 40 4 0	0 48	1 5	336
3	W	Samuel Crompton born, 1753	7 48	10 6	3 52	8 16	11 3	19		4 17 4 34	1 25	1 42	337
4	Th	Pretender at Derby, 1742	7 49	9 42	3 51	9 28	11 24	20		4 53 5 12	1 59	2 18	338
5	F	Loss of the Nile, 1854	7 51	9 17	3 51	10 44	11 41	21		5 32 5 55	2 37	2 57	339
6	S	Length of Day, 7h. 59m.	7 52	8 52	3 51	11 59	Aftern.			6 18 6 45	3 20	3 43	340
7	\$	2ND SUNDAY IN ADVENT	7 53	8 26	3 50	Morn.	0 13	23		7 12 7 40	4 10	4 37	341
	M	Conception of Virgin Mary	7 54	8 0	3 50	1 20	0 31	24		8 12 8 45	5 5	5 37	342
9	Tu	Vandyke (painter) died, 1641	7 56	7 33	3 50	2 41	0 51	25		9 20 9 54	6 10	6 45	343
10	w	Royal Academy founded, 1768	7 57	7 6	3 49	4 8	1 16	26		10 25 11 0	7 19	7 50	344
11	Th	Grouse-Shooting ends	7 58	6 38	3 49	5 36	1 48	27		11 30 —	8 25	8 55	345
12	F	Lord Hood born, 1724	7 59	6 10	3 49	7 1	2 35	28		0 2 0 30	9 27	9 55	346
13	S	Thomas Wright, F.S.A., died, 1877	8 0	5 42	3 49	8 16	3 36			0 57 1 25	10 22	10 50	347
14	\$	3RD SUNDAY IN ADVENT	8 1	5#13	3 49	9 13	4 53	1		1 52 2 18	11 17	11 43	348
15	M	Izaak Walton died, 1683	8 2	4 44	3 49	9 54	6 17	2		2 43 3 10	1000	0 8	349
16	Tu	Cambridge Michaelmas Term	8 3	4 15	3 49	10 24	7 41	3		3 35 3 58	0 35	1 0	350
17	W	Oxford Michaelmas Term ends	8 4	3 46	3 49	10 48	9 4	4		4 23 4 47	1 23	1 48	351
18	Th	Wesley born, 1708	8 5	3 16	3 50	11 4	10 21	5		5 10 5 32	2 12	2 35	352
19	F	Scheele born, 1742	8 5	2 46	3 50	11 20	11 36	6		5 55 6 20	2 57	3 20	353
20	S	Napoleon III. elected President,	8 6	2 16	3 50	11 34	Morn.	D		6 42 7 7	3 45	4 7	354
21	3	4TH SUNDAY IN ADVENT	8 6	1 46	3 51	11 50	0 47	8		7 32 7 58	4 32	4 57	355
22	M	Percival shot, 1788	8 6	1 17	3 51	Aftern.	1 56	9		8 25 8 55	5 23	5 50	356
23	Tu	Prince Consort buried, 1861	8 7	0 47	3 51	0 24	3 7	10		9 30 10 5	6 20	6 55	357
24	W	Great Snowstorm, 1836	8 7	Aftern.	3 52	0 49	4 14	11		10 40 11 11	7 30	8 5	358
25	Th	CHRISTMAS DAY	8 8	0 13	3 53	1 19	5 21	12		11 40 —	8 36	9 5	359
26	F	Boxing Day. Bank Holiday	8 8	0 43	3 53	1 57	6 24	13		0 10 0 35	9 35	10 0	360
27	S	St. John the Evangelist	8 9	1 12	3 54	2 47	7 18	14		1 0 1 20	10 25	10 45	361
28	3	1st SUND. AFT. CHRISTMAS	8 9	1 42	3 55	3 47	8 3		F 4 F 6 6 6 6	1 40 2 0	11 5	11 25	362
29	M	J. Wickliffe died, 1384	8 9	2 11	3 56	4 55	8 39	16		2 19 2 35	11 44	Midnt.	363
30	Tu	Pegu annexed, 1852	8 9	2 40	3 57	6 7	9 7	17		2 53 3 10	_	0 18	364
31	W	Silvester	8 9	3 9	3 58	7 20	9 30	18		3 28 3 45	0 35	0 53	365



NOVEMBER: — FOX HUNTING.



DECEMBER: --- CHRISTMAS VISITING.

LEIGHTON BROS.



SIR PETER PAUL RUBENS, PAINTED BY HIMSELF. FROM "THE ILLUSTRATED LONDON NEWS."

(Continued from page 45.)

SATURN is an evening star, setting on the 8th at 1h. 42m. a.m., on the 18th at 1h. 3m. a m., on the 28th at 0h. 25m. a.m., and on the last day at 0h. 14m. a m., and is visible from sunset till these times. He is stationary among the stars (see diagram) on the 13th, near the Moon on the 21st, and in quadrature with the Sun on the last day of the year. He is due south on the 1st at 7h. 56m. p.m.; on the 15th at 7h. 1m. p.m.; and on the last day of the year at 5h. 59m. p.m.

### ECLIPSES IN THE YEAR 1879.

During the year 1879 there are only three Eclipses—two of the Sun and one

of the Moon.

The first is an Annular Eclipse of the Sun, on Jan. 22, but invisible from any part of Europe. Its time of central and annular Eclipse begins at 3 minutes after 10 o'clock a.m., Greenwich mean time, at a place near the western coast of South America, a little north of Valparaiso, thence across South America to its eastern coast, near the Rio Grande; across the South Atlantic Ocean to the western coast of Africa at a point a little north of the Orange River, thence across Africa tending northwards to the wester coast near Mozami-jue, thence passing about 15 der north of Madagascar, and ending in the Indian Ocean at a point near 64 deg. east of Greenwich, and near latitude 8 deg. N., at 1h. 43m. p.m., Greenwich mean time.

The northern and southern limiting lines of this Eclipse are somewhere

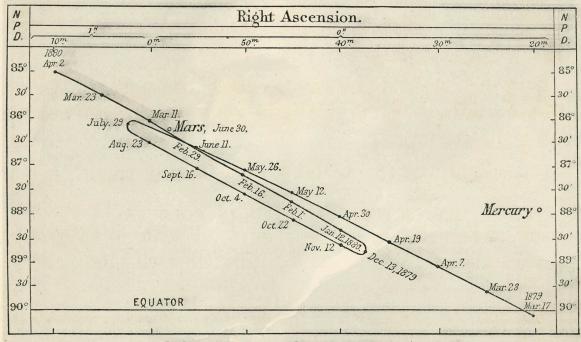
The northern and southern limiting lines of this Eclipse are somewhere more than 30 deg. north and south of the central line; and a Partial Eclipse will be visible at all places within these boundary lines, very large near the central line and small near the boundary lines.

At the Cape of Good Hope, where the central line passes at some distance north of the Cape, the Eclipse will be large; at the time of the greatest phase nearly three fourths of the Sun's diameter will be eclipsed. At Madagascar about three fifths of the Sun's diameter will be obscured.

The second Eclipse is also an annular Eclipse of the Sun on July 19, invisible from the British Isles, and seen as a small eclipse only from the south of Europe or in the south of France, Austria, and a little larger in Spain, the Mediterranean, and the Black Sea.

The line of Central and Annular Eclipse begins at 13 minutes after 7h. a.m. in the North Atlantic Ocean, a few degrees from the West Coast of Africa, and south-west of Sierra Leone, thence passing near Sierra Leone, almost following the river Niger to south of Timbuctoo, still tending northwards to a point 18 deg. of north latitude, then turning southward, crossing Nubia, the southern end of the Red Sea, and western end of the Sea of Babel Mandeb to the West Coast of Africa, south of Cape Guardafui, to the Indian Ocean, crossing the Equator at a point nearly 60 deg. E. longitude to a point 98 deg. E. Nearly on the tropic of Capricorn at five minutes to 11 a.m., Greenwich mean time.

The southern boundary line of this Eclipse begins in the South Atlantic



Path of Saturn from March 17, 1879; to April 2, 1880.

Ocean, thence to the West coast of Africa, in latitude about 18 deg., across South Africa to the east coast at Delagon Bay, and to the south of Madagascar to a point in the Indian Ocean, whose longitude is about 82 deg. E. and latitude 55 deg. S. The northern boundary line passes from the North Atlantic Ocean, south of the British Isles, north of France, across Europe to north of the Caspian Sea, north of Persia, across Hindoostan to a point 7 deg. N of the Equator in longitude 112½ deg, and an Eclipse will take place situated between these boundary lines.

The third Eclipse is a very small one of the Moon on Dec. 28 and is visible from England. The beginning of the eclipse is at 3h. 37m. p.m. By reference to the Almanack pages it will be seen that the time of the Moon ri-ing on this day is 3h. 47m. p.m., 10 minutes after the eclipse has begun. The middle of the eclipse will be at 4h. 26m. p.m., and it will end at a quarter past five o'clock. At the time of the greatest phase, or at the middle of the eclipse, only one sixth part of the Moon's diameter will be obscured.

### THE SOLAR ECLIPSE OF 1878.

THE SOLAR ECLIPSE OF 1878.

The Solar Eclipse of July 29, 1878, was observed by an array of instrumental appliances, and under conditions such as had been seen at no previous eclipse. It was regarded as the return of that of July 18, 1860, when the Moon's shadow crossed the northerly parts of the American continent, and, sweeping over the Atlantic Ocean, passed across Spain and Africa. At La Junta, shortly after two o'clock on July 29, 1878, as the moon cut into the solar disc, the light rapidly waned, and a peculiar yellow colour, gradually changing to a dark neutral tint, overspread the landscape. The cloudless sky became of a leaden hue, and a few minutes before totality Venus and Mercury were plainly visible; immediately afterwards a streak of yellow light seemed to open out along the northern horizon, and the dark shadow rushed across the plain. A few seconds before the Moon's disc completely covered over the Sun, the corona shone out distinctly at 3h. 39m. 20s. (10h. 30m. 27s. Greenwich mean time). From the commencement to the end of the totality, not a trace of Leverrier's long-looked-for planet was detected; but for several seconds after

totality the corona stood out clear and distinct, and slowly faded away. The duration of the totality was 163 seconds, three seconds shorter than the computed time. A fine series of photographs were obtained, in each of which was shown an amount of detail and structure of the corona far beyond anything previously seen. In two of the prominences there was a well defined "filamentous" development, and it was noticed that, with the increased exposure of plates, an extension of the corona took place, as noticed by Schuster in the Siam eclipse. The outlying portions of the prominences seemed to extend between three and four diameters away from the Sun. The western extension exhibiting more of the "filamentous structure." The rose-coloured prominences, usually the most striking objects in a total eclipse, were not seen by any of the La Junta observers. With a Nichol's prism and a thick quartz plate radial polarisation was distinctly observed, the polarisation near the limb of the Moon was about 10 per cent, decreasing outwards. Photographic evidence of polarisation was obtained by exposing gelatino-bromid prepared plates in a Rosssymmetrical lens camera of five-inch focus and 05 effective aperture, at the back of which was a double-image prism. The plate was exposed about eighty seconds. At West Las Animas (latitude '8 04 and longitude 9h. 52 min. 48 sec, west Greenwich) spectroscopic observations of the eclipse were made, and the well-known green line 1474 of Kirchoff's scale was seen in the continuous spectrum. Line and spectrum, however, disappeared at all points at a height of about eight minutes of are from the Sun's limb. The violet par's of the spectrum were remarkably vivid, and it was possible to see far into the ultra-violet, much further than with ordinary sunlight. Spectroscopic examination of the corona showed a strong continuous spectrum, reaching nearly to the calcium line H, and up to a height of 0.3 of the Sru's diameter no weakening of the spectrum was visible. On examining the green part of the spe totality the corona stood out clear and distinct, and slowly faded away.